

73rd Annual Report

THE CHILDREN'S HOSPITAL

Boston, Massachusetts



1942

THE CHILDREN'S HOSPITAL
FORM OF BEQUEST

I give, devise, and bequeath to
The Children's Hospital, in the City
of Boston, and Commonwealth of
Massachusetts, incorporated in the
year 1869, the sum of
.
.

THE CHILDREN'S HOSPITAL

1869

ANNUAL REPORT

for the Year 1942

BOSTON - MASSACHUSETTS

MCMXLIII

OFFICERS OF THE CHILDREN'S HOSPITAL

1943

President

SAMUEL H. WOLCOTT

Vice President

F. MURRAY FORBES

Treasurer

HERMANN F. CLARKE
15 State Street, Boston

Secretary

AMORY COOLIDGE

Assistant Treasurer

STEDMAN BUTTRICK

Chairman of Welfare Committee

MRS. H. PARKER WHITTINGTON

Counsel for the Corporation

JAMES GARFIELD

Committee on Investments

SAMUEL H. WOLCOTT

G. PEABODY GARDNER

WILLIAM ARTHUR DUPEE

HERMANN F. CLARKE (*Ex-officio*)

Executive Committee

ALEXANDER WHEELER, *Chairman*

SAMUEL H. WOLCOTT

MRS. H. PARKER WHITTINGTON

F. MURRAY FORBES

HERMANN F. CLARKE

G. PEABODY GARDNER

AMORY COOLIDGE

ARTHUR G. ROTCH

and such other members of the Board of Managers as the President may select from time to time, to serve for a period of approximately three months each.

Social Service Committee

MRS. GEORGE H. MONKS,

DR. BRONSON CROTHERS

MRS. FRANCIS B. LOTHROP

DR. WILLIAM T. GREEN

MRS. HOWARD TURNER

DR. FRANK R. OBER

MRS. AMORY THORNDIKE

DR. CLEMENT A. SMITH

MRS. LENDON SNEDEKER

MRS. NELSON S. BARLETT

DR. ROBERT B. OSGOOD

DR. DONALD W. MacCOLLUM

DR. WILLIAM E. LADD

Committee on the School of Nursing

ALEXANDER WHEELER, *Chairman*

DR. DONALD W. MacCOLLUM

ARTHUR G. ROTCH

MISS STELLA GOOSTRAY, R.N.

MRS. CHARLES A. NEWHALL

MISS SOPHIE NELSON

MRS. GEORGE H. MONKS

BANCROFT BEATLEY

Private Ward Committee

F. MURRAY FORBES, *Chairman*

DR. R. CANNON ELY

DR. WILLIAM E. LADD

MRS. NATHANIEL WINTHROP

DR. RICHARD M. SMITH

DR. DONALD W. MacCOLLUM

DR. HAROLD G. TOBEY

MRS. CHARLES DEVENS

STEDMAN BUTTRICK

Budget Committee

SAMUEL H. WOLCOTT

GEORGE v. L. MEYER (*Ex-officio*)

ARTHUR G. ROTCH

HERMANN F. CLARKE (*Ex-officio*)

AMORY COOLIDGE

BOARD OF MANAGERS

1943

Alexander Whiteside	1914
Samuel H. Wolcott (Ex-Officio)	1915
George v. L. Meyer	1915
F. Murray Forbes (Ex-Officio)	1918
Mrs. George H. Monks	1921
G. Peabody Gardner	1921
William Arthur Dupee	1922
Pliny Jewell	1922
Arthur G. Rotch	1923
Mrs. H. Parker Whittington (Ex-Officio)	1927
Harvey H. Bundy	1927
James Garfield	1931
*Gordon Abbott	1932
*F. Murray Forbes, Jr.	1932
*Lawrence Foster	1932
*Edward L. Bigelow	1933
Miss Ida C. Smith	1933
Alexander Wheeler	1934
Mrs. Nelson S. Bartlett	1936
John C. Kiley	1936
*Samuel H. Wolcott, Jr.	1936
*John S. Ames, Jr.	1937
Charles H. Stockton	1937
*Donald T. Carlisle	1938
Hermann F. Clarke (Ex-Officio)	1939
Amory Coolidge (Ex-Officio)	1940
John J. Burns	1940
*Brinley M. Hall	1941
Mrs. Bartlett Harwood	1942
Lincoln Baylies	1943
Stedman Buttrick	1943
Frederick Ayer	1943

*With United States Armed Forces

FORMER MEMBERS OF THE BOARD OF MANAGERS

*Abbott, Gordon.....1896-1937	*Manning, J. M.....1881-1882
*Abbott, Jere.....1871-1895	Mead, Mrs. Frederick S...1921-1940
*Ames, F. L.....1886-1893	*Mudge, E. R.....1874-1878
*Ames, Oliver.....1894-1920	Palmer, Henry W.....1923-1943
Ames, Mrs. F. L.....1926-1929	*Peabody, Oliver W.....1884-1896
*Bader, Louis F. S.....1930-1942	*Perkins, Thomas N.....1904-1916
*Baylies, Walter C.....1908-1910	*Phelan, James J.....1921-1934
*Bigelow, Alanson.....1876-1884	*Phillips, John C.....1881-1883
*Bigelow, George T.....1870-1877	Phillips, William.....1931-1935
*Blake, Clarence J.....1895-1918	*Pickering, H. G.....1879-1886
*Blake, J. A. Lowell.....1911-1938	Pickman, Dudley L., Jr...1916-1925
*Bremer, S. Parker.....1923-1925	*Pierce, Wallace L.....1901-1920
*Brooks, Phillips.....1884-1885	*Robbins, Chandler.....1870-1882
*Browne, Dr. Francis H....1870-1915	*Rogers, Mrs. Dudley P...1928-1939
*Caswell, Mrs. William W..1924-1925	Russell, Mrs. William E...1939-1943
*Comerford, Frank D.....1935-1941	*Sargent, F. W.....1918-1919
Coolidge, Lawrence.....1936-1941	Seabury, William H.....1902-1933
Cox, Mrs. William C.....1936-1939	*Sears, J. Montgomery....1883-1905
*Dana, S. B.....1899-1901	Sears, Philip S.....1916-1925
Eliot, Mrs. Samuel.....1934-1935	Seymour, Robert W.1923-1925
*Emmons, Nathaniel.....1870-1885	*Shattuck, Dr. F. P.....1888-1919
*Emmons, Robert W., 2nd..1903-1928	*Shaw, Louis A.....1934-1940
*Endicott, William.....1904-1928	*Spaulding, J. P.....1879-1896
*Faulkner, Charles.....1870-1885	*Stearns, Frank W.....1916-1925
*Fearing, Albert.....1870-1875	*Stockton, Howard.....1897-1902
*Fiske, Charles H.....1870-1898	*Stockton, Philip.....1924-1925
*Gardner, George P.....1885-1939	Stone, Albert, Jr.....1930-1933
*Green, Samuel A.....1870-1883	*Stone, Dr. James A.....1928-1929
*Hallowell, John W.....1925-1926	*Strong, Edward A.....1870-1873
Hardwick, Huntington R..1930-1933	*Sturgis, Russell, Jr.1870-1871
*Herrick, Robert F., Jr...1921-1925	*Thacher, George.....1886-1896
Hollister, Paul M.....1926-1926	*Thacher, Isaac.....1870-1883
*Howe, George D.....1871-1880	*Thayer, E. V. R.....1886-1907
*Hunnewell, F. W.....1895-1917	*Thayer, Nathaniel.....1870-1883
Hunnewell, F. W., 2nd...1915-1924	*Thomas, W. B.....1897-1902
*Hunnewell, H. H.....1886-1901	Tuckerman, John A.....1919-1920
*Ingalls, William.....1870-1902	*Wetherell, John G.....1887-1897
*Johnson, Samuel.....1870-1871	Wheeler, Henry.....1898-1926
*Joy, Charles H.....1887-1887	*Winthrop, Robert C.....1870-1894
*Kuhn, W. P.....1877-1880	*Young, Charles L.1884-1901
*Lawrence, John.....1908-1914	
*Kirstein, Louis E.....1921-1942	
*Lincoln, Roland C.....1884-1885	

*Deceased.

HONORARY PHYSICIANS AND SURGEONS

J. Lewis Bremer, M.D.
Walter B. Cannon, M.D.
Reid Hunt, M.D.

Charles G. Mixter, M.D.
Robert B. Osgood, M.D.

STAFF EXECUTIVE COMMITTEE

William E. Ladd, M.D.	Surgeon-in-Chief
Frank R. Ober, M.D.	Orthopedic Surgeon-in-Chief
Richard M. Smith, M.D.	Physician-in-Chief
S. Burt Wolbach, M.D.	Pathologist-in-Chief
George v. L. Meyer	Director

Sidney Farber, M.D.	Secretary
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ADMINISTRATIVE STAFF

Director

George v. L. Meyer

Assistants to the Director

Miss Madeline S. Gibbs, R.N.	Miss Fanny C. Knapp, R.N.
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Admitting Officers

Miss Katherine W. Nelson, R.N., *Super.*
Miss Murel J. Seff, R.N.
Miss Edith V. Bell, R.N.
Miss Elizabeth V. Wheeler, R.N.

Accountant

Chester E. Budden

Dietitian

Mrs. Martha H. Stuart, B.S.

Admitting Officer, O. P. D.

Miss Priscilla E. Hedley

Housekeeper

Mrs. Isabel Hall

Rate Adjuster

Miss Ethel Preble

Photographer

Ferdinand Harding

Purchasing Agent

Miss Elizabeth C. Fitzgerald

Pharmacist

Donald M. Skauen, B.S., PHC., M.S.

Record Librarians

Miss Eva F. Pratt

Mrs. Daisy J. Jacobs

DEPARTMENT OF MEDICINE

Richard M. Smith, M.D.	Physician-in-Chief
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Visiting Physicians

Bronson Crothers, M.D.
John A. V. Davies, M.D.
Louis K. Diamond, M.D.
James L. Gamble, M.D.
*Lewis W. Hill, M.D.

Charles A. Janeway, M.D.
Clement A. Smith, M.D.
(to April 27)
Harold C. Stuart, M.D.
Edwin T. Wyman, M.D.

Associate Visiting Physicians

Randolph K. Byers, M.D.
Stewart H. Clifford, M.D.
*R. Cannon Eley, M.D.

Henry E. Gallup, M.D.
*Charles D. May, M.D.
Alfred T. Shohl, M.D.
Philip H. Sylvester, M.D.

*On leave of absence with U. S. Armed Forces.

Associate Physicians

- | | |
|---|--|
| Eliot Hubbard, Jr., M.D.
and Chief of Medical O.P.D. | Dorothea M. Moore, M.D. |
| *Albert A. Frank, M.D. | Robert T. Moulton, M.D. |
| Winthrop I. Franke (from May 1) | Harry L. Mueller, M.D. |
| Stanton Garfield, M.D. | Alexander S. Nadas, M.D.
(to May 1) |
| Nathan Gorin, M.D. | *Henry N. Pratt, M.D. |
| Hyman Green, M.D. | Abraham S. Small, M.D. |
| Gerald N. Hoeffel, M.D. | William J. Turtle, M.D. |
| *John P. Hubbard, M.D. | Sidney H. Weiner, M.D. |
| | Lucille Williamson, M.D. |

Assistant Physicians

- | | |
|------------------------|-------------------------|
| *John K. Brines, M.D. | Louis A. Sieracki, M.D. |
| *Allen M. Hill, M.D. | *Lendon Snedeker, M.D. |
| Rose C. Munro, M.D. | Jacob Wallace, M.D. |
| *Harry Shwachman, M.D. | |

Resident Physicians

- Winthrop I. Franke, M.D. (to May 1)
Edward L. Pratt, M.D. (from May 1)

Assistant Resident Physicians

- William Berenberg, M.D. (from March 1)
Gretchen Hutchins, M.D. (from July 1)
Charles G. Jennings, M.D. (to July 1)
Alexander S. Nadas, M.D. (from May 1)
Edward L. Pratt, M.D. (to May 1)

House Officers

- William Berenberg, M.D. (to March 1)
Ferdinand Haase, Jr., M.D. (to June 15)
Lillian A. Francis, M.D.
Raymond W. Latham, M.D. (to January 15)
Joseph Osborne, M.D. (to September 1)
George G. Salmon, M.D. (to April 15)
Donald E. McLean, M.D. (from March 1)
Dane G. Prugh, M.D. (from March 1)
Lorye E. Hackworth, M.D. (from April 15)
William N. Mundy, III, M.D., (February 1-September 1)
Geoffrey M. Martin, M.D. (from May 1)
Margaret Bashford, M.D. (from July 1)
Mary A. Craig, M.D. (January 1-February 1)

DEPARTMENT OF ORTHOPEDIC SURGERY

Frank R. Ober, M.D., *Orthopedic Surgeon-in-Chief*

Orthopedic Surgeon

James W. Sever, M.D.

Visiting Orthopedic Surgeons

A. H. Brewster, M.D.
William T. Green, M.D.
Robert H. Morris, M.D.

Resident Orthopedic Surgeons

Davis S. Grice, M.D.

Director of Physical Therapeutics

Miss Janet Merrill

Assistant Visiting Orthopedic Surgeons

*William Elliston, M.D.
Paul W. Hugenberger, M.D.
*Meier G. Karp, M.D.
Miriam Katzeff, M.D.
John G. Kuhns, M.D.

Assistant Orthopedic Surgeons

Charles L. Sturdevant, M.D.
John F. Bell, M.D.

Director of Paralytic Clinic

Miss Mary E. Trainor, R.N.

*On leave of absence with U. S. Armed Forces

Resident Orthopedic Surgeons

John F. Bell, M.D.

David S. Grice, M.D.

House Officer

William A. Stevens, M.D.

Laszlo Ormandy, M.D.

Clarence A. Splitoff, M.D.

Leonard Harris, M.D.

Quitino J. Serenati, M.D.

Chung H. Tan, M.D.

DEPARTMENT OF PATHOLOGY

S. Burt Wolbach, M.D., *Pathologist-in-Chief*

Pathologist

Sidney Farber, M.D.

Assistant Pathologist

Henry W. Edmonds, M.D.

Residents in Pathology

*Lent C. Johnson, Jr., M.D.

F. K. Mostofi, M.D.

HOUSE OFFICERS

Pathology

William Berenberg, M.D.

Alfred Pope, M.D.

Chieh Sung, M.D.

Ernest J. Eichwald, M.D.

Surgery

Daniel Gray, M.D.

Medicine

Ann Stucky, M.D.

Orthopedic Surgery

Edward Hildebrand, M.D.

Laszlo Ormandy, M.D.

Leonard Harris, M.D.

Stomatology

*Charles Campelia, M.D.

Research Appointments in Pathology

J. LeRoy Conel, Ph.D., *Research Associate in Pathology*

Harry Shwachman, M.D., *Research Fellow in Pathology*

Ruell A. Sloan, M.D., *Research Fellow in Orthopedic Pathology*

Edmund Mayer, M.D., *Research Associate in Pathology*

Guest Assistants

Shih Doh Wu, M.D.

M. Salas, M.D.

Voluntary Assistants

Norman DeWilde, M.D.

Patricia Wanning, M.D.

*With U. S. Armed Forces.

DEPARTMENT OF SURGERY

William E. Ladd, *Surgeon-in-Chief*

Visiting Surgeons

*Thomas H. Lanman, M.D.
Franc D. Ingraham, M.D.

(Neurosurgery)

*Carlyle G. Flake, M.D.
(Otolaryngology)

Associate Visiting Surgeons

George D. Cutler, M.D.
Donald W. MacCollum, M.D.
Robert E. Gross, M.D.

Associate Surgeons

*Henry W. Hudson, Jr., M.D.
*Patrick J. Mahoney, M.D.
*Augustus Thorndike, M.D.

Assistant Surgeon

*John W. Chamberlain, M.D.

Visiting Otolaryngologist

Harold G. Tobey, M.D.

Dental Orthodontist

Harry W. Perkins, D.M.D.

Research Associate in Otolaryngology

*Lyman G. Richards, M.D.

Associate Orthodontist

Edward I. Silver, D.M.D.

Associate Visiting Otolaryngologists

Charles F. Ferguson, M.D.
*Charles I. Johnson, M.D.

Assistant Orthodontists

Henry C. Beebe, D.M.D.
Abijah Pierce, D.M.D.

Speech Correctionist

Esther Segal

Resident Surgeons

*Eben Alexander, Jr., M.D. (ended March 1942)
*Edward V. Ferguson, M.D. (ended April 1942)
*Richard B. Stark, M.D. (ended November 1942)
Tague C. Chisholm, M.D.
Henry W. Scott, Jr., M.D.

Assistant Resident in Neurosurgery

*Eben Alexander, Jr., M.D. (ended March 1942)
*Henry Swan, M.D. (ended June 1942)
*Donald B. Matson, M.D. (ended October 1942)
John J. Lowry, M.D. (ended February 1943)
Ernest K. Landsteiner, M.D. (ended July 1943)

*In the Armed Forces

Resident in Otolaryngology

*Charles A. Tucker, M.D. (ended July 1942)

Acting Assistant Resident in Otolaryngology

*Richard B. Stark, M.D. (September 1942-November 1942)

Henry W. Scott, Jr., M.D. (January 1943-March 1943)

*William G. Schoch, M.D. (March 1943-June 1943)

Herman A. DeWilde, M.D.

House Officers

The dates following the names indicate the termination of appointment.

Tague C. Chisholm, M.D. (February 1942)

*Louis deS. Shaffner, M.D. (March 1942)

*Alexander H. Bill, Jr., M.D. (April 1942)

Frank E. Nulsen, M.D. (May 1942)

*K. Keller vanSlyke, M.D. (June 1942)

Henry W. Scott, Jr., M.D. (July 1942)

*Richard B. Stark, M.D. (August 1942)

Charles A. Hufnagel, M.D. (September 1942)

*Frederic A. DePeyster, III, M.D. (November 1942)

*William G. Schoch, M.D. (January 1943)

*James E. Lewis, M.D. (March 1943)

*Thomas E. Duncan, M.D. (May 1943)

*J. Roger Newstedt, M.D. (July 1943)

Daniel R. Gray, Jr., M.D. (September 1943)

Oscar W. Hills, M.D. (October 1943)

Robin G. Anderson, M.D. (January 1944)

Harry W. Clatworthy, Jr., M.D. (March 1944)

George W. B. Starkey, M.D. (May 1944)

SPECIAL DEPARTMENTS

Stomatologist

Paul K. Losch, D.M.D.

Assistant Stomatologist

Paul E. Gilpatrick, D.M.D.

Associate Stomatologists

David Weisberger, D.M.D.

Volunteer Assistant in Stomatology

*John C. Browne, D.M.D.

Herman A. DeWilde, D.M.D.

(ended April 1943)

Director, Chemistry Laboratory

James L. Gamble, M.D.

Bacteriologist

John A. V. Davies, M.D.

*In the Armed Forces

Associate Director, Chemistry Laboratory
Alfred T. Shohl, M.D.

Roentgenology

Roentgenologist

Edward B. D. Neuhauser, M.D.

Associate Roentgenologists

*L. Alexander Vance, M.D.

*George M. Wyatt, M.D.

Volunteer Assistant in Roentgenology

Wallace C. Miller, M.D.

Dermatology

Dermatologist

E. Lawrence Oliver, M.D.

Assistant Dermatologist

Austin W. Cheever, M.D.

Ophthalmology

Ophthalmologist

J. Herbert Waite, M.D.

Assistant Ophthalmologists

Paul A. Chandler, M.D.

E. B. Goodall, M.D.

*Trygve Gunderson, M.D.

Stomatologist

Paul E. Boyle, D.M.D.

Volunteer Assistants in Stomatology

John C. Brown, D.M.D.

Paul H. Gilpatrick, D.M.D.

Associate Stomatologists

Paul K. Losch, D.M.D.

David Weisberger, D.M.D.

Consulting Staff

Allan M. Butler, M.D.

Hallowell Davis, M.D.

Albert B. Ferguson, M.D.

A. Baird Hastings, M.D.

T. Duckett Jones, M.D.

Otto Kraver, M.D.

Merrill C. Sossman, M.D.

Conrad Wesselhoeft, M.D.

Social Service Director

Miss Marion W. Hall

Occupational Therapy Director

Nancy Estabrook

*On leave of absence with U. S. Armed Forces.

SCHOOL OF NURSING AND NURSING SERVICE

Superintendent of Nurses and Principal of School of Nursing

Stella Goostray, R.N.

Assistant Principal of School of Nursing

Mary E. Norcross, R.N.

Assistant Superintendent of Nurses

Muriel B. Vesey, R.N.

Second Assistant Superintendent of Nurses

Kathryn Cheney, R.N.

Assistant Superintendent of Nurses at Night

Elizabeth F. Webster, R.N.

Instructors

Emily G. Pearson, R.N.

Edna J. Townsend, R.N.

Theresa Hurley, R.N.

Night Supervisors

Mary Hennessey, R.N.

Margaret Regan, R.N.

Medical and Isolation Services

Ethel M. Trafton, R.N., *Supervisor*

Joan Fitzgerald, R.N., *Head Nurse*

Johanna Schlegtendal, R.N., *Head Nurse*

Constance Kurkul, R.N., *Head Nurse*

Operating Room

Edith C. Jenkins, R.N., *Supervisor*

Natalie J. Gowen, R.N., *Assistant*

Barbara L. Aldrich, R.N., *Assistant*

Anesthetists

B. Elaine Lank, R.N., *Chief*

Ruth Hodgdon, R.N.

Sophia Kyrias, R.N.

Surgical and Throat Services

Frances E. Leary, R.N., *Supervisor*

Edith M. Ahrens, R.N., *Head Nurse*

Elizabeth Higgins, R.N., *Head Nurse*

Martha E. Perkins, R.N., *Head Nurse*

Olive Simard, R.N., *Head Nurse*

Out-Patient Department

Maud Gillespie, R.N., *Head Nurse and Instructor, Medical Clinic*

Olivia Ross, R.N., *Assistant Head Nurse, Medical Clinic*

Helen C. Harding, R.N., *Head Nurse, Orthopedic Clinic*

Marion G. Perkins, R.N., *Head Nurse, Surgical Clinic*

Beatrice Greene, R.N., *Head Nurse, Isolation Clinic*

Orthopedic Service

Emma J. M. Hill, R.N., *Supervisor*

Frances Maguire, R.N., *Head Nurse*

Roberta Strong, R.N., *Head Nurse*

Neurological Service

Elizabeth C. Logan, R.N., *Head Nurse*

Infants' Medical Service

Mary G. Chapman, R.N., *Supervisor*

Hope G. Furgin, R.N., *Head Nurse*

Clara M. Wychunas, R.N., *Head Nurse*

Private Ward

Sarah J. Vickery, R.N., *Supervisor*

Alice Fleming, R.N., *Head Nurse*

Verna L. Pearl, R.N., *Head Nurse*

Jean Wood, R.N., *Head Nurse*

Nurses' Infirmary

Christine Ritchie, R.N., *Head Nurse*



THE CHILDREN'S HOSPITAL HONOR ROLL WORLD WAR II

DR. HEVITY W. FLEGGON	WANDY S. CHAPMAN M.	DR. CHARLES J. JOHNSON	MARTHA R. EYER M.	DR. LEIST J. STONE	DR. HENRY T. H.	DR. T. G. VAN M.
DR. J. W. CHAMBERLAIN	RODMOND HOTES M.	DR. CLIFFORD GRULLE	DR. LEWIS W. HILL	EARL HUNCH M.	DR. J. H. H.	DR. T. G. VAN M.
DR. P. J. MARCHET	EUGENETIN GRAY M.	DR. EDWARD C. STEW	DR. JOHN R. BRINES	JOHN BROWN	DR. J. H. H.	DR. H. B. MOUTON M.
DR. H. CANNON ELEY	PHYLLIS BELAIR M.	MARION WOODWORTH	DR. ALLEN H. HILL	NANCY FRIESTON M.	DR. J. H. H.	DR. T. G. VAN M.
DR. ALMA OCKIE M.	THELMA RETICULES M.	DR. JOHN C. BROWN	WILFRED T. EYER M.	BERTHA HEDEN M.	DR. J. H. H.	DR. H. B. MOUTON M.
DR. J. J. FLEM	ANNE BLUTE M.	DR. L. A. VANCE	E. M. PALMISTON M.	WILMA S. THOMAS M.	DR. J. H. H.	DR. H. B. MOUTON M.
DR. THOMAS W. LAMMAY	DR. F. DALE WILSON	DR. F. GILBERTSON	RUTH S. LAMMAY M.	LAFRANCE FOSTER	DR. J. H. H.	DR. H. B. MOUTON M.
DR. CARLUE O. PLAGE	DR. T. WILEY HODGES	DR. THOMAS H. WELLES	EDNA TRACY M.	EDWARD L. HEDEN	DR. J. H. H.	DR. H. B. MOUTON M.
DR. A. THORNTON	DR. CHARLES BRIDGES	DR. F. H. HILL	DR. JOHN P. HARRIS	DR. HENRY S. KAHN	DR. PHILIP T. LEVINE	EDWARD M. H. T. P.
PATRICIA BALEWYN	DR. EREN ALEXANDER	DR. EUGENE S. RECORD	M. CHAPMAN M.	DR. ALBERT A. FRANK	DR. H. H. H.	BERLINE HEDEN M.
MARY H. CALVIN M.	GORDON ABBOTT	BRIMLEY H. HALL	DR. ROBERT S. HORNELL	DR. GEORGE STANBACH	DR. RICHARD B. STAM	HARLEY T. D. HALL M.
DR. H. E. FITZGERALD M.	F. HURRAY POWERS M.	SAMUEL H. WOLCOTT M.	DR. VINCENT ZECHING	DR. W. H. H. WALLACE	WILLIAM SCOTT	DR. HENRY EYER
DR. HENRY H. PRATT	JOHN S. BILES M.	RUTH CHOCKER M.	DR. FLOYD JONSON	RALPH KANE	EYER CARLSON M.	DR. H. B. MOUTON M.
DR. CHARLES D. MAY	DR. MARSHALL WALKER	D. GURLEY M.	DR. PAUL H. GLAVATTE	JOHN A. DAVIS M.	DR. THOMAS L. DUCHAN	DR. FRED C. HODGINS
DR. LYMAN S. FLOMCH	DR. WOODWARD M.	TAMU ROBERT M.	CATHERINE JOYCE M.	FLORENCE LAMMAY M.	DR. L. WOODSON M.	EDITH VAIL
BONSTEN PRATT M.	DR. JAMES S. LEWIS M.	DR. J. ROSEN HENSTON	JOSEPH WALKER M.			

REPORT OF THE BOARD OF MANAGERS

THE chief concern of the Board of Managers during the last many months has been the difficulties imposed on our Staff by the actions of the various Government agencies. The Director in his report graphically describes the almost insurmountable hindrance placed in his way, in the name of the War Effort. The Board of Managers has been powerless to intervene and it has fallen on the Staff and on the Director to work out the problem of overcoming these obstacles by their resource, ingenuity and hard work.

The ills of children do not stop their attacks because there is a war going on. They can be just as destructive as the casualties of combat and one cannot be neglected at the expense of the other. The "War Effort" in its ruthless self-interest has been slow in recognizing that there is a very important relation between the interest of the man who is sent away to fight and the child who is left behind.

But this realization and the knowledge that at no time has the work of the Hospital been so important in safeguarding all children has been the inspiration which is driving our staff. They know that The Children's Hospital has been the natural place thought of when a child is really sick, and nothing must be allowed to take away this confidence. The Staff has a solid foundation to work on, built up by their antecedents and strengthened by their own labours and ideas. Sacrifices are required of them now and many more daily hours of work and thought.

Each reorganization, without the interruption of routine, as man after man of their dependable staffs have left, has been an incredibly difficult task. That this has been accomplished is proved by the fact that in 1942 more children were taken into the wards than in 1941 and that in the Out-Patient Department the great number of more than 58,000 visits were as carefully studied as any private case.

Under all this tension it has been a great encouragement to the Board, after the untimely death of Dr. Blackfan, to have Dr. Richard M. Smith consent to take the position of Physician-in-Chief of the Hospital.

As a matter of course, many important plans have for the time being, been laid aside as well as the realization of aims for the continuous development of the Hospital.

But certain aspects of the general plan have been considered of too great importance to delay. One of these is the closer tie-up with Dr. Gamble and the Chemical Research Laboratories of the Harvard Department of Pediatrics by the establishment of our own Chemistry Laboratories. In this service, which is used by all Chemical Divisions of the Hospital, Dr. Gamble has chosen to assist him Dr. Alfred Shohl, who has been appointed Associate Visiting Physician. Dr. Shohl brings with him thirty years of experience in the chemical problems of infancy and childhood.

In these laboratories, besides conducting the routine procedures of the Hospital, research continues where it appears to be leading to a contribution important to the day. It should be noted that The Children's Hospital has become the center for the Boston area for a highly specialized form of blood group determination and it now appears that these new blood groups may have real military importance.

An important step forward is the development of the Frank R. Ober Department of Orthopedic Research which was established last year, and the appoint-

ment of Dr. Granville A. Bennett to the position of Consulting Orthopedic Pathologist. Dr. Bennett is Associate Professor of Pathology at the Harvard Medical School.

The fund of the William E. Ladd Chair of Child Surgery—the tribute to child surgery and to Dr. Ladd—continues to grow in spite of the times. It is the earnest hope of the Board that those who know from the experience their child has gone through that child surgery is a science distinct from adult surgery will further advance the science by a contribution to this important cause.

Still another important development has been the decision of the Board to have the Isolation Unit function twelve months of the year and the appointment of Dr. Charles Janeway, whose special field is infectious diseases.

Thus the relative importance of every phase of the work of The Children's Hospital is being closely watched and guarded. We believe that before long the labours of the Staff and of the Director must be rewarded by a recognition that The Children's Hospital represents an essential war industry.

As for the future—that depends, not only on our Staff, but on the kind of friends who have by their gifts built up the Hospital to what it is. To quote one of our Staff: "The preservation of that which we have and the acquisition of that which we need, are the two supports upon which rest the fulfillment of our opportunities for complete service."

May we present this thought to those who think of children as the most important thing in their lives and who may, by a bequest, be in a position to help make a safe world for children.

DIRECTOR'S REPORT

THE main emphasis of my report for the year 1942 must be in praise of and also in grateful appreciation of those persons who have borne the brunt of the difficulties that confronted us.

Their loyalty to the cause, their selflessness, has been an inspiration to others, and has made it possible for the hospital to carry on in the face of difficulties, which would have broken the heart and dampened the spirit of the less courageous.

There is no question that our institution is not alone in its misery. The failure of the government to recognize hospitals (other than government hospitals) as being a vital part of the war effort and home defense program has been both surprising and discouraging. The so-called Procurement and Assignment Division, which assured us they would "freeze" essential people in essential positions, has failed to function in this respect. We are absolutely at the mercy of not only the Army and Navy as far as their needs for doctors are concerned, but utterly at the mercy of war industries, Charlestown Navy Yard, Fore River, etc. Not only could we ill-afford to meet such a war wage scale as they offer, a scale totally disproportionate with the needs of the public and with their ability to spend or invest these wages, but to make it worse, towards the close of the year the government slapped on the Wage Ceiling Law, which tied our hands.

There are two alternatives to choose from—live up to the spirit of the law and carry on in violation of the letter of the law, or live up to the letter of the law and face a shut down in various essential departments of the Hospital.

Believing sincerely that the purpose of the law was not intended to injure Hospitals, we acted so that we would function for the best interests of the community and the home front.

It was clear when the year 1942 was but a babe, that drastic cuts in personnel were to be faced, but we had not the remotest idea that it was to be as serious as results show.

A hospital is no different than any other organization. Its strength and reputation is not due to its buildings, its financial resources, but to the efficiency of its Staff from the chiefs of staff and department heads and nurses down to the kitchen man or orderly.

Each department is a link of the chain, and the strength of the chain is only as strong as the weakest link. As the year progressed first one and then another link showed signs of breaking under the strain and tension.

Had this chain been actually made of steel it would have broken, for steel has a known breaking point. Human endurance can miraculously carry a fantastic "super load" under stress,—*but not indefinitely.*

Let us face a few realities.

The Dietary or Culinary Department (upon which the well-being and zeal of patient and staff member depends), under normal conditions consisted of a dietitian, two assistants, a chef and three cooks, baker and assistant, and various pot washers and dish washers, etc., a total of fourteen. They served an average of 2100 meals a day, (230 patients and 450 staff). Yet at the close of 1942 the total number of employees in said department was nine, and our meal count had *not* decreased.

It is not difficult to estimate the strain on that link nor hard to praise the fortitude shown.

Housekeeping has had a terrible struggle. Employees in that Department have also shown great courage and loyalty. Some fifty-two now doing the work of sixty-four.

Window washing is practically out of the question, (so is seeing through many of our windows!), but essentials have to come first and the help can barely keep abreast of these sanitary essentials. The Housekeeper is exhausted over the problem and her pride wounded by, what she considers, the appearance of her domain, but just when she plans to polish up here and there, the 'phone rings, "Housekeeper? . . . please clean room X, new patient is due in two hours." . . . "Main lobby all muddy," . . . "there is a bad leak on top floor Bader" . . . seven or eight immediate tasks to perform, three or four only to perform them, and two of those are due to be through their day's work in less than an hour.

Where in normal times we should have eight men capable of being carpenters and painters, we had three at the close of the year.

A year ago we had sixteen orderlies, now we have one, yet the patients have to be transported from place to place, errands have to be run. Volunteers are taking up some of the load, but where an orderly used to move a bed, or a patient, now housekeeping is called upon to do this, or the nurses themselves have to take care of it, and neglect more important functions.

We are losing nurses all the time to the Armed Forces, and those that are leaving in the near future, will make a terrible dent in the nursing service, because—by and large—they are the senior and more experienced nurses.

The problem of replacing a nurse is not easy, but to replace an experienced nurse is practically impossible, because of the supply and demand.

No report of trials would be complete without a sympathetic hand outstretched to the Nursing Staff. The scarcity of general staff nurses throws an added burden on the head nurse—the lack of ward maids adds another problem. Many tasks belonging rightfully to orderlies and to housekeeping have to be done by the Nurses. But withal and praise to them! They have kept their spirits up, even though their bodies and heads were full of aches from fatigue, and their time is up,—they carry on till their tasks are done.

The Medical and Surgical Staff have been severely depleted, and we hear from many of those Staff men who are scattered all over the globe. Some of them are busy and enthusiastic over their work. Others are lamenting the fact that they are not over-seas nor are they being given adequate tasks to perform to compensate for their being absent from their hospital duties.

Those that are still with us are doing a magnificent job without regard to personal sacrifices. In fact they are doing such a splendid job that they are carrying the load that used to be carried in normal times, and I have difficulty in making them face the reality that we may have to cut down on the number of patients we handle in order to make the load commensurate with the ability of the other various departments in the hospital to carry out their particular tasks.

They do not see it that way, and their argument is sound in some respects. They point out that as the community is depleted of doctors who have join the Armed Forces, and the individual home is depleted of help due to the army or war industry, so the average family looks more and more to hospitals to "take up the slack."

This Administration feels that we must be very careful not to over-extend ourselves, which might mean the lowering of our standards.

It is my firm belief that we should care for as many patients as we efficiently can, but that a greater emphasis than ever before must be made in the selection of these patients in order that our resources may be available to the sicker patients. Operations of choice will probably have to be postponed. The average number of hospital days per patient will have to be reduced. Above all, the public itself will have to be educated and told of the difficulties that confront all hospitals, and to realize that "medical care as usual" of the type of which they have been accustomed in the last decade cannot be expected for the duration, but that all hospitals stand ready and anxious to serve the really sick patient to the utmost of their resources.

Dr. Richard M. Smith was appointed Charles Morgan Rotch Professor of Pediatrics at the Harvard Medical School to succeed Dr. Kenneth D. Blackfan, and was likewise appointed Chief of our Medical Service at The Children's Hospital. To say that we are very fortunate in this appointment is an understatement of some magnitude.

A long wanted hope was realized when it was voted by the Trustees, that the operation of the Isolation Unit should be continuous all the year round, and we are proud to announce that Dr. Charles A. Janeway has joined our Staff to be in charge of the Department of Infectious Diseases within the Hospital.

Plans are being formulated to move Bacteriology from its present restricted and inadequate quarters to new quarters which we hope to build on to the Isolation Building, if priorities can be obtained.

We have made quite a few physical changes in the Hospital, most of which have been forced on us by necessity resulting from the emergency.

We closed the house officer's dining room and all the Medical Staff now eat in the Nurse's Dining Room, which it will be recalled, was fortunately converted into a Cafeteria the year previous.

The Private Ward Parent's Dining Room was also closed. The parents likewise use the Cafeteria.

The Private Ward entrance has been closed, and the main door (300 Longwood Avenue) is used. The Private Ward Admitting Office has been combined with the Public Admitting Office, and relocated in a more central position with a window for public patients and a window for private at the other end, but interchangeable admitting nurses that enabled us to cut down on the personnel in this department.

This new combined Admitting Office occupies the erstwhile quarters of the Record Librarians, who moved into quarters in the Out Patient Department where Social Service has been for some time, and Social Service moved into space once occupied some years ago by the Admitting Office.

The Cashier's window has been relocated at the head of the stairs, and by compressing the Bookkeeping Office a rest room for secretaries has been obtained.

In conjunction with the Peter Bent Brigham Hospital we have established a Blood and Plasma Bank.

The street running at right angles to, and crossing Longwood Avenue, between our property at the Harvard Power Plant and others has been known as "Vila Street." At our request, and with the consent of all abutters, the street is to be renamed "Blackfan Street" in memory of our late and great Chief of the Medical Service.

A War Service Flag donated by a generous friend of the Hospital hangs in the front lobby indicates, by its eighty-four stars, the handsome contribution

made by the men and women in this institution to the service of the Armed Forces of this country.

A class of some twenty Red Cross Nurse's Aides was conducted here in October, and we already at the close of the year, are beginning to feel the benefit of hours of service that they contribute, and this will become constantly more effective as they gain in experience.

The War Volunteers are rendering invaluable service, substituting more and more for employees who have left to work in war industries, or to join the colors.

The road ahead is rough—and over the next crest, it is unsurveyed. Rough or smooth—advance we must—to meet eventualities as they arise—to overcome obstacles as they appear.

G. v. L. MEYER, *Director*

DIRECTOR'S STATISTICAL REPORT—IN-PATIENT

For the year ended December 31, 1942

	Remain Dec. 31, 1941			Admissions			Treated		
	Pri.	Pub.	T.	Pri.	Pub.	T.	Pri.	Pub.	T.
Medical.....	—	34	—	865	711	1,576	881	745	1,626
Surgical.....	—	63	—	406	1,515	1,921	407	1,578	1985
Orthopedic.....	—	28	—	78	370	448	79	398	477
Throat.....	—	18	—	783	707	1,490	795	725	1,520
Neurological.....	—	7	—	—	271	271	—	278	278
Isolation.....	—	6	—	—	102	102	—	108	108
	30	156	186	2,132	3,676	5,808	2,162	3,832	5,994

	Discharges			Remain Dec. 31, 1942		
	Pri.	Pub.	T.	Pri.	Pub.	T.
Medical.....	862	723	1,585	19	22	41
Surgical.....	403	1,519	1,922	4	59	63
Orthopedic.....	75	378	453	4	20	24
Throat.....	782	719	1,501	13	6	19
Neurological.....	—	269	269	—	9	9
Isolation.....	—	100	100	—	8	8
	2,122	3,708	5,830	40	124	164

	Hospital Days			Bed Capacity		
	Pri.	Pub.	T.	Pri.	Pub.	T.
Medical.....	5,043	11,224	16,267	—	44	—
Surgical.....	2,867	22,079	24,946	—	66	—
Orthopedic.....	696	9,463	10,159	—	47	—
Throat.....	4,160	5,072	92,32	—	25	—
Neurological.....	—	3,338	3,338	—	15	—
Isolation.....	—	1,489	1,489	—	19	—
	12,766	52,665	65,431	42	216	258

	Operations			Deaths—Autopsies					
	Pri.	Pub.	T.	D. Pri.	A. Pub.	D. Pri.	A. Pub.	D. Pri.	A. Pub.
Medical.....	—	16	16	15	11	44	30	57	41
Surgical.....	399	1,129	1,528	7	2	71	57	78	59
Orthopedic.....	95	288	383	—	—	2	—	2	—
Throat.....	776	640	1,416	—	—	5	3	5	3
Neurological.....	27	326	353	—	—	1	—	1	—
Isolation.....	—	1	1	—	—	1	—	1	—
	1,297	2,400	3,697	20	13	124	90	144	103

Percentage of Autopsies 65% 73% 72%

The Infants' Hospital Boston, Massachusetts

For the year ended December 31, 1941

Remaining, Dec. 31, 1942...	43	Hospital Days.....	14,031
Admissions.....	688	Bed Capacity.....	60
Treated.....	731	Bed Occupancy.....	38
Discharged.....	694	Operations.....	37
Remaining, Dec. 31, 1942 ..	37	Deaths.....	104
		Autopsies.....	66
		Percentage of Autopsies.....	63%

DIRECTOR'S STATISTICAL REPORT—OUT-PATIENT

The Children's Hospital

Boston, Massachusetts

For the year ended December 31, 1942

<i>Clinic</i>	<i>Free</i>	<i>Part Rate</i>	<i>Full Rate</i>	<i>Total Visits</i>
Medical.....	3,271	2,118	16,432	21,821
Surgical.....	2,474	1,142	9,369	12,985
Orthopedic.....	1,731	1,169	7,548	10,448
Throat.....	629	333	2,174	3,136
Scoliosis.....	312	263	1,272	1,847
Physiotherapy.....	747	648	1,289	2,684
Lamp.....	—0—	—0—	—0—	—0—
Dental.....	230	11	71	312
Infantile Paralysis.....	4,937	—0—	—0—	4,937
	<u>14,331</u>	<u>5,684</u>	<u>38,155</u>	<u>58,170</u>

	<i>New Cases</i>	<i>Transfers</i>	<i>Old Cases</i>	<i>Total Visits</i>
Medical.....	4,365	508	16,948	21,821
Surgical.....	2,430	565	9,990	12,985
Orthopedic.....	993	423	9,032	10,448
Throat.....	344	569	2,223	3,136
Scoliosis.....	21	44	1,782	1,847
Physiotherapy.....	2	17	2,665	2,684
Lamp.....	—0—	—0—	—0—	—0—
Dental.....	—0—	4	308	312
Infantile Paralysis.....	35	—0—	4,902	4,937
	<u>8,190</u>	<u>2,130</u>	<u>47,850</u>	<u>58,170</u>

Emergencies

Medical.....	569	Total Number of Individuals ..	12,923
Surgical.....	1,131	Daily Av. No. of New Cases ..	27
Orthopedic.....	88	Daily Av. No. of Total Visits..	193
Throat.....	250	Minor Operations.....	645

REPORT OF THE TREASURER

Balance Sheet as of December 31, 1942

ASSETS

Current Assets:

Cash in bank and on hand.	\$ 199,670.87
Accounts receivable, patients.	18,462.40
Accounts receivable, other.	6,261.11
Infants' Hospital, balance of share of operating costs.	11,701.80
Accrued interest and dividends.	41,098.35
Materials and supplies on hand.	41,048.92
Prepaid expenses.	10,595.08

\$ 328,838.53

Investment Securities:

General fund investments.	\$2,710,791.88
Restricted fund investments.	1,611,084.64

4,321,876.52

Other Investment Property:

Real estate.	\$ 458,750.00
Mortgage receivable.	56,290.30

515,040.30

Plant and Equipment:

Land.	\$ 211,128.03
Hospital buildings.	1,813,332.35
Dormitory property.	883,116.19
Furniture, equipment and improvements (depreciated value).	30,893.25

2,938,469.82

Total Assets. \$8,104,225.17

LIABILITIES AND CAPITAL

Liabilities:

Accounts payable (current bills).	\$ 21,690.29
Credit balances, accounts receivable.	1,255.25
School of Nursing, prepaid income.	1,291.00
Reserve for deferred maintenance costs.	10,000.00

\$ 34,236.54

Capital:

General Fund.	\$6,387,551.83
Restricted investment funds.	1,653,219.95
Expendable funds for special purposes.	29,216.85

8,069,988.63

Total Liabilities and Capital. \$8,104,225.17

STATEMENT OF INCOME AND EXPENSE

For the Year 1942

Income:

Hospital revenue.	\$ 341,311.75
Income from Investments.	202,888.40
Donations and subscriptions.	80,722.80

Subscriptions through Welfare Committee (net).....	5,864.79	
Miscellaneous Income.....	15,279.69	
<i>Total Income</i>		\$646,067.43
<i>Expenses:</i>		
Operation of Hospital.....	\$660,442.99	
Taxes.....	82.00	
Publicity.....	459.27	
Treasurer's Office (financial matters).....	4,306.35	
Miscellaneous.....	3,025.54	
<i>Total Expenses</i>		668,316.15
<i>Operating Deficit</i>		\$22,248.72

LEGACIES AND GIFTS FOR INVESTMENT

Received during 1942

FOR GENERAL FUND LEGACIES

<i>Estate of</i>		
George Berry.....	\$	500.00
George Green Cook (add'l).....		15.30
Luther Farnham (add'l).....		340.00
Alfred F. Haines (add'l).....		2,100.00
Mildred Johnson (add'l).....		1,696.89
Lizzie W. Lincoln (add'l).....		1,750.00
Agnes M. Lindsay (add'l).....		750.00
Cora McIntire.....		6,075.00
Gerald D. O'Keefe.....		10,000.00
Annie M. Riley.....		8,516.82
F. Eleanor Wheeler.....		1,000.00
		<u>\$32,744.01</u>

FOR RESTRICTED INVESTMENT FUND

<i>Estate of</i>		
Kate S. Gunn (add'l).....	\$	3,517.80
John Y. Mainland.....		934.64
<i>Gifts to:</i>		
William E. Ladd Fund.....		16,919.50
Kent Research Fund.....		5,000.00
Frank R. Ober Fund.....		2,500.00
		<u>\$28,871.94</u>

OTHER SPECIAL PURPOSE GIFTS 1942

	<i>Previous Unexpended Balance</i>	<i>Received 1942</i>	<i>Expended 1942</i>	<i>Dec. 1, 1942 Unexpended Balance</i>
Angiocardiology Fund.....	\$ 85.00	\$ —	\$ 13.50	\$ 71.50
Apparatus (special) Neurolog- ical Dept.....	164.02	—	9.30	154.72
Blood Bank.....	—	2,000.00	155.40	1,844.60
Boston Council of Social Agen- cies—Medical Relief Fund..	15.68	129.22	114.30	30.60
Children's Hospital Alumni As- sociation—Research Fund In- come Account.....	109.94	206.93	—	316.87
Committee of the Permanent Charity Fund.....	—	750.00	611.37	—
Refund.....	—	22.12	—	160.75

Conservation Fund.....	7.85	20.50	—	28.35
Dental Research Fund.....	107.93	—	107.93	—
Dickens' Fellowship Fund.....	137.43	25.00	3.00	159.43
Earhart Foundation Fund.....	989.25	4,375.00	3,874.67	1,489.58
Harwood, Mary Louise.....	14.18	421.66	424.63	11.21
Hayden Camp Fund.....	—	1,000.00	—	—
Refund.....	—	2.00	973.47	28.53
Hood Camp Fund.....	—	432.00	—	—
Refund.....	—	22.12	454.12	—
Infantile Paralysis President's Birthday Ball.....	565.05	—	—	565.05
Kent Research Income Account	—	1,394.00	1,394.00	—
Ladd, William E. Chair of Child Surgery—Income.....	987.34	2,219.17	1,000.04	2,206.47
Lederle Pathological Fund....	—	250.00	296.94	*46.94
Legg Memorial Fund.....	13.40	600.00	525.31	88.09
Library Fund.....	466.15	701.96	466.15	701.96
Ober, Frank R. Research Fund	—	1,100.00	—	1,100.00
Occupational Therapy Fund....	54.00	46.48	—	100.48
Orthodontia and Dental Fund.	1,063.66	—	—	—
Transfer from Dental Re- Research.....	—	107.93	—	—
Refund.....	—	32.00	1,014.42	189.17
Orthopedic Department Fund.	47.15	—	—	47.15
Orthopedic Infantile Research.	2,983.47	4,250.00	4,636.95	2,596.52
Pathological Apparatus Fund..	17.22	—	10.49	6.73
Pierce, Henrietta M. Pleasure.	282.05	202.85	325.16	159.74
Pleasure Fund.....	38.04	36.00	—	74.04
Prouty, Mr. and Mrs. Lewis I. Gift.....	11,250.00	—	—	11,250.00
Research in Children's Surgery Godfrey M. Hyams Fund...	3,524.57	5,000.00	4,711.95	3,812.62
Rollins, Adelaide H. Splint Fund.....	138.32	43.78	—	182.10
Shuman Clothing Fund.....	55.63	40.57	—	96.20
Silsbee, Katharine E. Fund for Splints.....	636.63	1,014.28	1,116.00	534.91
Social Service Sundries.....	64.40	728.00	258.32	544.08
Solby, Esther Andrews Taxi Fund.....	96.57	200.00	—	—
Refund.....	—	3.15	308.18	*8.46
Studies on Renal Calculae in Poliomyelitis with Paralysis.	2,050.00	—	2,050.00	—
Training School Scholarship Fund.....	—	65.00	—	65.00
Ultra Violet Ray Study.....	492.00	30.00	87.50	434.50
Weeks, Nelson E. Fund.....	—	1,000.00	1,000.00	—
Zonta Club for Occupational Therapy.....	13.39	150.00	163.39	—
Totals.....	\$26,470.32	\$28,631.72	\$26,106.49	\$28,995.55

*Income of Funds Added to Principal of Said Funds
In Accordance with Wording of Deed of Gift*

Charles Tidd Baker Fund.....		\$ 324.96
Horace A. Latimer Fund.....		863.55
Esther Andrews Solby Fund.....	\$247.36	
(Portion of Income transferred to temporary fund for cost of transportation of patients)		200.00
		47.36
Elizabeth C. Ware.....		311.94
*Overdraft		\$1,547.81

GIFTS TOWARDS CHILDREN'S HOSPITAL DAYS

A DONATION of \$1000 carries with it the privilege of dedicating the services of the whole Hospital for one day.

A donation of \$100 gives the same privilege for one Ward for one day.

Inscription
December 23d
The service of this Ward is given
in loving memory of
ARTHUR T. BRADLEE

Donor
MRS. ARTHUR T. BRADLEE

January 1st
The service of this Ward is given
in loving memory of
A. F. R.

MRS. F. B. CROWNINSHIELD

DONATIONS AND SUBSCRIPTIONS

THE HOSPITAL is deeply and sincerely indebted to the 1,061 individuals and 239 organizations and clubs who contributed \$88,044.36 towards the running expenses in 1942, some making their contributions direct to this Hospital and many kindly designating for the benefit of this Hospital whole or part of their contributions to the Greater Boston United War Fund of which this Hospital is one of the participating charities.

RESTRICTED INVESTMENT FUNDS

1869 to December 31, 1942

Charles Tidd Baker.....	\$ 16,344.09
Ida Chase Baker.....	60,000.00
Ann Barnet.....	5,000.00
Alanson Bigelow.....	5,000.00
Helen Sewell Briggs.....	63,889.13
Laura A. Brown.....	9,957.05
The Children's Hospital Alumni Association Research.....	5,100.36
Helen Coburn.....	49,900.50
Costello G. Converse.....	25,000.00
Mary A. Coombs.....	17,844.04
Marian Frances and Sarah Winter Copenhagen.....	5,000.00
Susie Dodge Crawford.....	5,000.00
Harriet Otis Cruft.....	20,000.00
Lilla Sargent Cunningham.....	5,000.00
Clara S. Davis.....	25,000.00
Caroline T. Downes.....	51,314.00
Charles H. Draper.....	23,934.12
Eliza J. Bell Draper.....	1,000.00
Eugene F. Farnham.....	5,104.00
Temple R. Fay.....	69,532.50
Marjorie Forbes.....	5,000.00
Thomas A. Forsyth.....	2,000.00
Amelia Greenbaum.....	48,175.97
Alexander Gunn Endowment.....	9,119.55
Robert Millholland Hanna, Jr.....	5,000.00
Henry C. Haven.....	5,000.00
Charles Hayden Foundation.....	3,000.00
William H. Hervey.....	11,821.97
William Hilton.....	10,000.00

Mary S. Holbrook.	15,465.42
Charles W. Holzer.	41,666.67
George S. Hyde.	8,625.88
Henry Clay Jackson.	35,000.00
Charles P. Jaynes.	11,447.00
Mrs. Jerome Jones.	9,935.95
John D. W. Joy.	5,000.00
Kent Research Fund.	3,805.14
Claude L. Kettle.	5,000.00
Kate Andrea Knowlton.	2,245.00
William E. Ladd Chair of Pediatric Surgery.	61,254.28
Horace A. Latimer.	43,433.66
Madeleine Lee, In memory of.	5,000.00
Joseph W. Leighton.	12,000.00
Maria D. Lockwood Trust.	5,109.27
Clara N. Marshall.	5,000.00
Mrs. Edythe Marshall.	2,250.00
James C. Melvin.	49,251.25
James C. Melvin, Jr.	5,000.00
Margaret A. and John Merriam.	6,000.00
Alice Appleton Meyer.	1,500.00
Kate M. Morse.	15,000.00
Mary E. Moseley.	4,290.00
Albert H. and Margaret Ann Munsell.	21,105.32
Frank R. Ober Research.	7,535.93
Albert N. Parlin.	50,000.00
George T. Patten.	19,699.57
Amy Peabody.	50,000.00
Henry G. Pickering.	4,969.56
Henrietta M. Pierce.	5,000.00
Grace Winthrop Rives, In memory of.	50,000.00
Adelaide H. Rollins, Splint Fund.	1,079.11
Frank Davison Rust, Memorial No. 1.	6,200.00
Frank Davison Rust, Memorial No. 2.	4,000.00
Sarah Gardner Sears.	5,000.00
Elizabeth G. Shepard.	3,100.00
A. Shuman, Clothing Fund.	1,000.00
Katharine E. Silsbee.	25,000.00
Esther Andrew Solby.	6,144.44
Huntley N. Spaulding Orthodontia and Dental Fund.	600.00
Harriet W. Taber.	2,584.48
Helen Hallett Thompson.	11,276.49
John Parker Townsend.	3,000.00
Elizabeth G. Ware.	31,066.48
Elizabeth White.	100,000.00
Mabel Wilbur.	5,000.00
Edwin A. Wyeth.	50,000.00
Charles Loring Young.	5,000.00
Unnamed restricted funds.	263,541.77
<i>Total.</i>	\$1,653,219.95

GIFTS TO ESTABLISH MEMORIALS

Endowed Beds

BY vote of the Board of Managers, and until further action by the Board, a gift of \$25,000 will endow a bed.

MEMORIALS

FOLLOWING a recommendation of the Staff, the Managers decided to remove all memorial tablets from the walls of the wards, and place them in the future on a panel over the nurses' station of each ward, or elsewhere, and, accordingly, it was voted that in the future a donor of not less than \$1000 has a right to place a memorial for a five-year period on the memorial panel.

One Memorial

Lotta M. Crabtree Bed

From the Trustees, Lotta M. Crabtree Estate

MEMORIALS

To December, 1942

WARD 1, LOWER A

Prouty Ward

In memory of Anne and Olivia Prouty, 1917-1921

WARD 1, LOWER B

Henry Augustus Turner Memorial Bed
Mabel C., Chester, Brookline, Mass.
She filled her niche, laughed often
and loved much. 1865-1921

Donated by Caroline Shapera. In loving
memory of her son, H. Clarence
Shapera, Quebec, Canada, 1881-1891

In memory of Charles Henry Peirce

Abigail M. Curran, 1924

Ellen L. Doe

Gertrude Gouverneur Hunnewell. Born
February 3, 1862. Died March 15,
1890

George F. Kimball Cot

Francis Welles Hunnewell. Born No-
vember 3, 1838. Died September 30,
1917. President of The Children's
Hospital, 1901-1917

In Loving Memory of Ruth Faxon

In Loving Memory of Wallace L. Pierce

In Memory of Sullivan Amory, Febru-
ary 22, 1878-May 5, 1881

In Loving Memory of Philip Leverett
Saltonstall, Jr., April 17, 1922—
April 8, 1925

James Henry Williams, 1843-1908

Harriett M. Lothrop

Presented by the Massachusetts
Children of the American Revolution
in Memory of their National Founder

In Loving Memory, Robert Pearce
Williams, Aet. 13 years, 1907

Annie Louise Richards Bed

In Memory of Mrs. Ida Chase Baker,
Benefactress of this Institution

Robert Louis Stevenson

Carrie Elizabeth Tyler, 1883-1885
(Sun Parlor)

WARD 1, UPPER

Maria Frances Copenhagen
Sarah Winter Copenhagen
Florence Dean Curtis
Jessie Preston Draper
Margaret Constance Ellis
In Loving Memory of
Alice M. C. Matthews
Susan Wells Preston
Sara P. Lowell Blake
Florence Cobb Brooks, 1912-1918
Rosamond Freeman
Theresa Pierce
Bertha F. Taylor
Harriet Elizabeth Pierce Wood

Ellen Richards Slater
In Loving Memory of
Hazel Mills Angevine
Madeleine Rich Bed
From the Ethel Maud Clapp
Memorial Fund
Massachusetts State Federation
of Women's Clubs
Irene Wood Memorial Bed
In Memory of Clara
Elizabeth G. Shepard
Maria P. Bowen Memorial Bed
In Memory of Hope Clement, 1875-
1899 (Sun Parlor)

IDA C. SMITH WARD

MEMORIAL CUBICLES

In Memory of Robert C. Morse
In Memory of Alice Mary Longfellow,
1850-1928
Gift of Gloria Grant Brown
In Memory of Catherine A. Fairbanks
In Loving Memory of Janet Dyas
Shearer
In Memory of Harriet Atherton
Bubier Bergman

Brookline Woman's Club—1929
Given in Memory of Her Father
William H. Sands by his daughter
Ethel
In Loving Memory of James Woolson
Hurlbut
In Memory of Marie Agassiz Felton
(2 cubicles)

MEMORIAL ROOM

In Loving Memory Mary Pauline DuPont

WARD 2

In Tender Memory of Lois Dorman
Russell, a Beloved Little Child
Abigaill P. Banchor
Boston Section Council of Jewish
Women
Women of Somerville, 1922
Donated by The Ladies' Dog Club,
1924
Gift of Dorchester Club Women, 1921
In Loving Memory of Ralph Hudson
Crocker, 1916
In Memory of Kate Lucy Walsh
Benefactress of this Hospital
In Loving Memory of Gail Gorham
Whitcomb, May 2, 1920
Children of Eliza James Bell Draper
Cora Belle Towle Room,
K. T. A., E. A., G. A. (Sun Porch)
In Memory of Adelaide Augusta
Thomas
Clara S. Davis Memorial Bed
In Memory of My Beloved Mother,
Mary O. N. Stoneman

Charles A. Chapman
In Memory of Annie T. Auerbach.
Born in Philadelphia, Pa., May 3,
1851. Died in Brookline, Mass.,
August 1, 1916
Ruth E. Martin
Herbert Billings Rose. Born January
21, 1912. Died June 26, 1917. Aged
5 years, 5 months and 5 days
Carlos Wilson Bed
Chestnut Hill, 1923
In Memory of Willard Smith Curtis,
1920
The Amaranth Literary Circle
Martha Higginson Barbour
Gift of Dorchester Club Women, 1922
Catherine Smith Bed. In memory of
My Mother
Caleb James Nichols, Maria A.
Nichols, Eunice B. Nichols, Charles
Nichols, Benjamin F. Nichols

WARD 4

Brookline Woman's Club
 Kent Pettingill
 Livingston Wadsworth
 Brookline, 1923
 In Loving Memory of Charles Dalton,
 April 18, 1905-April 2, 1910
 In Loving Memory of William Gray,
 May 2, 1906, September 22, 1909
 Donated by the Swedish Women of
 Greater Boston, 1922
 Catholic Women of Boston
 In Memory of Charlotte Lowell,
 August 23, 1918-March 5, 1927
 In Memory of
 Bessie Rochester Edwards
 Bessie Rochester Edwards
 First President Past President
 Parley

Massachusetts Maine Daughters,
 February, 1922
 Dorothy Quincy Cot
 Rachel Tower Tarbell
 Wellesley Hills Woman's Club Bed,
 1921
 Brookline Aid
 In Memory of Edward Jerome
 Hitchings
 Lotta M. Crabtree Bed
 In Loving Memory of Dorothy Win-
 throp, July 17, 1878-July 23, 1907
 Sarah Wyman Whitman-Lily Bed
 In Memory of Mary Devlin, born in
 Ireland, 1831, died in Salem, 1894
 In Memory of
 Bessie Porter Edwards
 Southborough Woman's Club, 1934
 In Memory of Marjorie Forbes

WARD 5, LOWER A

This Ward is named in memory of Elizabeth White, beloved mother of George Robert White, a Public Spirited Citizen of Boston, who died January 27, 1922, and by his will, among other generous bequests for the welfare of the City, gave liberally towards the support of this Hospital.

WARD 5, LOWER B

To the Memory of Stephen Wheatland
 In Memory of Edward Ellery
 Knowlton
 In Loving Memory of
 Herman John Huidekoper
 James C. Melvin, Jr.
 Francis Skinner
 Harriet M. Billings Memorial Bed
 Charles Dickens, 1812-1870
 Albert H. Munsell
 Charles Loring Young, President of
 the Children's Hospital, 1896-1901
 Frances Adele Close
 In Memory of Mary Hutchins Taft,
 from her Son, Charles, September,
 1938

Robert Millholland Hanna, Jr.
 In Loving Memory of Agnes Hosmer,
 November 17, 1901-August 15, 1914
 In Memory of William F. Resor
 Given in Memory of her mother,
 F. Josephine Sands, by her daughter,
 Ethel
 In Memory of John White Hallowell,
 1878-1927, Manager of this Hospital,
 1924-1927
 Mary E. Moseley
 Hattie Adele Close
 Richardson Bed in Memory of
 Frederick and Arthur Richardson

WARD 5, UPPER

Julia H. Appleton Memorial Bed
 Frances Todd Baldwin
 Selina Jarvie Fletcher
 Ellen Maria Pierce
 Mary Ellen Putnam,
 July 21, 1862-May 21, 1866
 Sarah Eliza Thacher Cot
 Louise Julia Tucker, In Loving
 Memory, April 25, 1882
 Neurological Bed, 1924, donated
 through Mary E. Trainor
 Albert N. Parlin Free Bed
 A Free Bed established under the will
 of Albert Norton Parlin

In Loving Memory of Lothrop
 Melcher, in the interest of Neurology
 Sarah Wyman Whitman-Lily Bed
 Margaret Ann Munsell
 In Memory of Anna Goodwin Tuttle
 In Memory of Louise Shearer Butler
 In Memory of Jack Marvin
 Frank Seaver Billings Memorial Bed
 Louis Bridgman Memorial Bed
 In Very Loving Memory of
 S. Parker Bremer

ISOLATION UNIT IN GRATEFUL RECOGNITION OF DONORS

In Memory of "T", age five	In Memory of Stafford Leighton Brown
In Memory of Ransom C. Pingree, Jr.	Mrs. Lester Leland
Mr. and Mrs. Howard Coonley	Mr. and Mrs. W. Y. Peters
Mrs. P. L. Saltonstall	J. H. Johnson
Mrs. John F. Hill	Bowditch Alumnae Association
In Memory of Elizabeth E. Downs	In Memory of Carlos P. Rockwell

DONATIONS TOWARDS SUBSCRIPTION BEDS AND C. H. CLUB BEDS

A DONATION of \$100 towards a Subscription Bed or a C. H. Club Bed gives for one year to the donor the right to nominate one person at a time to one of such Beds, subject to the rules and regulations of the Hospital.

	<i>Number of Beds</i>
Ames, Mrs. John S. and Mrs. Hobart (for use of North Easton District Nursing Association).....	1
Buzzards Bay C. H. Club.....	6
Daffodil C. H. Club.....	2
Donald, Mr. and Mrs. Malcolm.....	1
Hunnewell, James M.....	1
Jackson, Mr. and Mrs. James.....	1
Saltonstall, Mrs. Robert.....	1
Thorp, Miss Alice A.....	1
<i>Total Number of Beds.....</i>	<hr/> 14

CERTIFICATE OF AUDITORS

To the Officers and Board of Managers
of THE CHILDREN'S HOSPITAL:

WE have made an examination of the financial accounts and records of The Children's Hospital for the year ended December 31, 1942.

We satisfied ourselves that all recorded cash receipts were deposited in banks, and we examined cancelled checks and vouchers in support of the greater part of all disbursements. We verified the balances of cash in bank and on hand by certificates from the bank and by actual count.

We inspected the securities held in the general and restricted funds on November 5, 1942. The list of investments as at December 31, 1942, was prepared by giving effect to all additions and deductions since the date of the earlier count. We examined brokers' invoices and other documents in support of all such recorded changes. We found that all transactions during the year pertaining to these investments were properly recorded and that all collectible income therefrom was accounted for. Securities were generally carried at cost, or in the case of bequests, either at market or assigned values at the date of acquisition.

In our opinion, based upon such examination and subject to the qualification that securities are shown at book value which was higher than market value, the accompanying statement of assets and liabilities and of income and expense present fairly the financial condition of the Hospital at December 31, 1942, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

(Signed) CHARLES F. RITTENHOUSE & CO.

Boston, Massachusetts
February 27, 1943

Certified Public Accountants

REPORT OF THE MEDICAL SERVICE

THE year 1942 at The Children's Hospital was characterized chiefly by readjustments made necessary in changing from a peace to a war time basis. Many of the members of the Staff have joined the armed services and it has been necessary for those left behind to assume increased obligations. Everyone is giving more time to the Hospital—in almost every instance at great personal sacrifice. A similar situation obtains in regard to nurses. The pressure for admission of patients to the Hospital is greater than ever before, due to the shortage of doctors in civilian practice and to the difficulties of the smaller hospitals in maintaining their personnel. The house staff—residents and internes—have worked overtime uncomplainingly, though often to the detriment of their health. We should hardly have been able to carry on but for the nurses' aides and the volunteer workers who have performed innumerable tasks.

Another change which the war has brought about is in the interne personnel. Heretofore our internes have come to us for sixteen and a half months, one year or more after graduation from medical school, and many had had previous training in a general hospital service. With the accelerated teaching of physicians, medical students are allowed only one year of medical training after graduation before entering the army. This means we take as internes men just graduated and for one year only and that we take the year's interne group all on the same date instead of at two or three month intervals. This increases the difficulty of arranging the hospital services and imposes a real burden upon the residents who must supervise the internes' work and training. Although we are doing the best we can under the circumstances we recognize that this one year service without previous hospital experience cannot produce as well-trained pediatricians as our former practice. We shall hope to resume the more extensive training when the war is over. Thus far we have been fortunate in having no shortage of internes—applications exceeded the possible appointments by a considerable number.

Dr. Lillian A. Francis, a graduate of Boston University, who had served as interne at the Mercy Hospital in Pittsburgh, was the first woman interne to be appointed at the Children's Hospital. Although the Board of Managers granted this privilege as a war time measure, it is hoped that it may become a permanent policy.

The outstanding accomplishment of the year was the decision of the Board of Managers to open the Isolation Ward on a twelve month basis. This made it possible to develop the laboratory facilities on the second floor of that building on a permanent basis. We were fortunate in securing Dr. Charles A. Janeway to join our staff on full time. He will devote his attention primarily to the study of infectious diseases but also will take part in the activities of the general medical services. We can look forward with confidence to notable contributions from him in this field. The Harvard Medical School has recently established a Division of Infectious Diseases within the faculty in order to co-ordinate the research of the various departments of the School working in this field. The Department of Pediatrics has one member in this division and Dr. Janeway is our representative. The laboratory at the Children's Hospital will be an important place in which the work of the division is carried on.

The teaching of medical students is a vital part of our obligation to medicine. Members of our staff share with the staff of the Children's Medical Service of

the Massachusetts General Hospital in giving the lectures on Pediatrics to the Harvard Medical School students. All the clinical teaching of children's diseases in the third year is given in the Children's Hospital by the various services. To assist in this work Dr. Fritz B. Talbot has joined the active teaching group in our Out-Patient Department from his Emeritus position. Each fourth year student spends one month in Pediatrics and those who come to us spend the time as clinical clerks on the wards. Although they assist in the care of patients, they require supervision and instruction. The teaching load is heavy and there is almost no intermission, since the Medical School is in nearly continuous session throughout the year. With the depleted staff it has not been easy at times to arrange for the teaching schedule and the assignments have often imposed a real burden upon the instructors. The cheerfulness with which this burden has been assumed is a tribute to the loyalty of the Staff to the Hospital and to their sense of obligation to contribute to medical education as a war service. We have a few graduate students although the number is smaller than in peace time years.

The Director has been most co-operative in his understanding of the difficulties encountered by the Staff in maintaining the standards of the care of patients. In order to release as much time as possible for strictly medical service, he has increased the number of technicians available to perform procedures for which they are qualified. Without this added help our tasks would have been much greater. We are also appreciative of the volunteer service which in many instances has relieved the Staff of duties which needed to be done and were time-consuming.

Research activities have been curtailed to a considerable extent because of the fact that many of the investigators are in service and that those remaining here are so busy with ward work and teaching that there is little spare time for investigation. This means also that fewer papers have been written by members of the staff than formerly.

Dr. Gamble is continuing his studies of body fluids disturbances in diarrhoeal disease. Under his supervision the technical staff in the Chemistry Laboratory has given extensive assistance to three research projects bearing on problems of military medicine which are being carried on at the Harvard Medical School, the Peter Bent Brigham Hospital and the Massachusetts General Hospital, under contract with the Office of Scientific Research and Development. Dr. Gamble is directly associated with one of these undertakings and is devoting a considerable part of his time to it. Our assistance in these researches has been at the cost of a quite large amount of our technicians' time and so has limited the rate of progress of our own investigations. The Staff is nevertheless glad to have been helpful.

Dr. Clement A. Smith and Dr. Gamble have recently undertaken the problem of edema in the newborn. They have gotten as far as demonstrating that this edema is not due to inability of the kidney to deal with sodium chloride as has been alleged by other workers.

Dr. Alfred T. Shohl has carried forward most successfully over the past year his studies of the nutritive value of casein hydrolysate given parenterally. This work has been supported by the Mead Johnson Company. He has made a significant advance by demonstrating that solutions of this preparation of amino acids can be given subcutaneously at a concentration several times that of the blood plasma without any untoward effect. In this way much larger amounts can be supplied the patient and there is also the advantage that the intravenous route

is left free for administration of other important therapeutic fluids, salt solution and glucose solution. Using this armament of reparative solutions, the nutritional status of children unable to take adequate amounts of fluid and food by mouth can be very greatly improved. This important advance in nutritional therapy is now being applied actively and successfully, not only in the medical but also in the surgical wards, where it has a large applicability in post-operative patient care.

An attempt to develop a logical nutritional regime for patients suffering from the chronic disorder known as pancreatic fibrosis is energetically under way. Here again the parenteral administration of casein hydrolysate has been shown already to be very effective. A study is also being undertaken to observe the effect of replacement of the digestive enzymes of the external secretion of the pancreas which are absent in this disease. This step is analogous to replacement of the internal secretion of this gland in diabetes by giving insulin. These patients have a more or less considerable remnant of digestive ability which can be successfully used if it is not overtaxed. Therefore it is important to learn the extent of their tolerance of food. Dr. Shohl is developing a procedure for this appraisalment.

Dr. May's investigation of the therapeutic effectiveness of liver fractions in celiac disease has been continued. This has been carried on under the direction of Dr. Franke. Progress has been slow because of a lack of suitable patients. This work has been supported by the Lederle Company.

The Neurological Unit under Dr. Crothers' direction has had 258 admissions during the year as compared with 224 during 1941. The method of study used in the investigation of these cases has been reasonably consistent for a number of years and periodic reviews of various types of material have been made. The outstanding problem, which is adapted to study in this unit is the appraisal of various factors in prognosis. It seems clear that the children who have impairment of the nervous system may show no obvious sensory or motor defects after a relatively short period. In such cases it is easy to speak of recovery. However, it is increasingly evident that only repeated psychological appraisal will reveal handicaps or disastrous deficits in mental equipment. It is becoming clear that redefinition of such terms as "convalescence" and "recovery" is needed with due regard to the expected mental growth.

Dr. Byers has studied the late effects of lead poisoning on the mental development of children. He has indicated clearly that although many of these children apparently recover from their poisoning, a considerable number of them show intellectual impairment during their school years.

Dr. Janeway, in addition to carrying on active investigation in connection with infectious diseases, is devoting a considerable portion of his time to studies carried on in conjunction with the Department of Physical Chemistry of the Harvard Medical School, under the direction of Dr. E. J. Cohn who holds a contract with the Committee on Medical Research of the Office of Scientific Research and Development. These studies have been primarily concerned with human serum albumin.

Dr. Clement Smith has studied the oxygen adjustments characteristic of the premature infant in relation to age, size, apparent cyanosis or dyspnoea, the effect of oxygen tents, et cetera. In this study has been included an investigation of oxygen absorption by other channels than the lungs (i.e. through skin) in high oxygen atmospheres. He has also conducted studies of internal respiration

particularly in relation to anoxia and hypothyroidism, and has studied with Dr. Berenberg the fat absorption of premature and newborn infants as measured by Vitamin A absorption.

During the past year the Blood Laboratory, under the direction of Dr. Louis K. Diamond, has continued its advisory function to the various services of the Hospital, in addition to the regular follow-up of patients with unusual types of anemia and other disturbances of blood cells. To continue the care of such patients after hospitalization was terminated, it has been necessary to conduct a follow-up clinic in the Out-Patient Department every week. About 300 patients were referred to the Blood Laboratory and were studied during this year.

In addition to these more or less routine duties, the Laboratory has studied the effects of radio-active phosphorus given to children with leukemia. This joint enterprise with Dr. Shields Warren of the Harvard Medical School was possible through the use of a special grant, and special arrangements for procuring this relatively scarce, powerful substance, obtained from the Harvard and Technology cyclotrons. Twelve children with subacute or chronic leukemia were so treated during the past eighteen months. The results were disappointing in comparison with the remissions obtained in adults suffering from chronic leukemia, but the average duration of the disease in many instances was prolonged and the changes produced in the tissues were often suggestive of beginning improvement, even though the patients succumbed. This method of therapy for a disease so uniformly hopeless deserves much more thorough trial. At present this project is hampered not by the lack of patients, but by the difficulty, if not impossibility, of obtaining radio-active phosphorus, since the government requisitions all of the products of the cyclotron for war enterprises. It is hoped that the study may be resumed in the future.

Another highly practical activity of this laboratory has been the study of the new blood group, the Rh factor. This has been proven most important in infants born with anemia and jaundice, especially of the familial type, in women who have suffered repeated obstetrical difficulties and transfusion reactions, as well as in all individuals having repeated transfusions. A subsidiary organization, the Blood Grouping Laboratory, was formed in conjunction with the Boston Lying-in Hospital and the Massachusetts Memorial Hospitals to carry out special Rh typings of blood on patients in these as well as our own Hospital. This has proven to be of the greatest practical value. It is the first laboratory of its type in the country and because it is proving so helpful to the community at large, it is serving as an example to other cities of the value of central laboratory facilities for this difficult but important new blood typing.

Dr. Davies has studied particularly toxoplasma with reference to complement fixation reactions, and the possible development of specific skin tests. He has also studied staphylococcus aureus immune reactions and investigated the production of H. influenzae anti-serum, types A, B, C, D, E, and F.

In connection with the Out-Patient Department, several clinical investigations have been conducted. The special clinics for Heart Disease, Rheumatic Fever, Eczema, Allergy, Diabetes, Tuberculosis, Neurological conditions, and Lues have continued to carry on their work as effectively as is possible under the conditions imposed by the exigencies of the ward and a diminished personnel. Dr. Sieracki has taken over the Rheumatic Fever Clinic and is able to continue our close association with the Sharon Sanitarium. Dr. Gorin is directing the

Eczema Clinic in Dr. L. W. Hill's absence. Dr. Williamson is carrying on the Allergy Clinic in Dr. Henry Pratt's absence.

Dr. Shwachman and Dr. Moulton reviewed the cases of tetany seen in this hospital from 1918 to 1942, during which time there were 51 cases and 19 deaths. At the time that he left to go into the service, Dr. Shwachman had several special studies in progress, which have had to be put in abeyance until his return.

A list of publications from the Department of Pediatrics at the Children's Hospital is appended.

The following members of the Staff are now in service either with the Army or the Navy: Dr. R. Cannon Eley, Dr. Lewis Webb Hill, Dr. Charles D. May, Dr. John K. Brines, Dr. Albert A. Frank, Dr. Allen M. Hill, Dr. John P. Hubbard, Dr. Henry N. Pratt, Dr. Harry Shwachman and Dr. Lendon Snedeker. Members of the House Staff: Dr. Fred H. Allen, Jr., Dr. E. C. Dyer, Dr. C. G. Grulee, Jr., Dr. E. Kaplan, Dr. L. C. Kingsland, Dr. L. C. Hall, Dr. R. W. Latham, Dr. F. C. Robbins, Dr. W. McL. Wallace, Dr. T. H. Weller.

Dr. Harold C. Stuart was in Marseilles on a Red Cross mission at the time the Germans took over unoccupied France, and is with the diplomatic corps and other Red Cross workers awaiting exchange through the State Department.

The Department suffered a severe loss this year in the death of Dr. Elizabeth E. Lord who had been working in the Neurological division since 1929, and had made substantial contributions to psychological studies of children. The whole Hospital will miss her.

The Department was seriously depleted in the withdrawal of Dr. Allan M. Butler and Dr. Nathan B. Talbot, when Dr. Butler was appointed as head of the children's medical service of the Massachusetts General Hospital. We are glad, however, to have them in near proximity, in order that we may avail ourselves of their special knowledge.

As we look forward to the year 1943, we recognize that the war places limitations on any plans which we might wish to develop for improving the service which the Hospital renders to the community. In spite of this, with the continued unselfish co-operation of all members of the staff we shall try to maintain the high standards of care given to patients.

RICHARD M. SMITH, M.D.

DEPARTMENT OF PEDIATRICS

PUBLICATIONS 1942

1. Brooks, G. L., Wilson, U., and Blackfan, K. D.: Studies of Cross Infection in the Infants' Hospital in Boston; Am. Assoc. for the Advancement of Science, *Publication Number 17*, p. 228, 1942.
2. Clifford, S. H. (Chairman): Round Table Discussion on Hemorrhage in the Newborn Infant; *J. Ped.*, 20:637, 1942.
3. Crothers, B., Lord, E. E., and McGinnis, M.: Prognosis after Encephalopathy in Infancy; *J. of the Mt. Sinai Hosp.*, 9:376, 1942.
4. Diamond, L. K.: Hemolytic Transfusion Reactions due to the Rh Factor: a Preventable Danger; *N. E. J. Med.*, 227:857, 1942 and 227:932, 1942.
5. Emerson, P. W. and Green, H.: Transposition of the Great Cardiac Vessels; *J. Ped.*, 21:1, 1942.
6. Hill, A.M.: Nonspecific Serologic Reactions for Syphilis in Infants and Children; *J. Ped.*, 21:207, 1942.
7. Hill, L. W.: The Production of Nonetiological Skin Hypersensitivity to Foods by Natural Means in Atopic Persons; *J. Allergy*, 13:366, 1942.
8. Hill, L. W.: The Classification of Eczematoid Eruptions in Children with Especial Reference to Contact Dermatitis; *J. Ped.*, 20:537, 1942.
9. Hubbard, J. P., Preston, W. N., and Ross, R. A.: The Velocity of Blood Flow in Infants and Young Children, Determined by Radio-active Sodium; *J. Clin. Invest.*, 21:613, 1942.
10. Lord, E. E. and Wood, L.: Diagnostic Values in a Visuo-motor Test; *Am. J. Orthopsychiatry*, 12:414, 1942.
11. May, C. D., McCreary, J. F., and Blackfan, K. D.: Notes Concerning the Cause and Treatment of Celiac Disease; *J. Ped.*, 21:289, 1942.
12. Shwachman, H., and Gould, B. S.: Serum Phosphatase in Experimental Scurvy; *J. Nutrition*, 23:271, 1942.
13. Shwachman, H. and Gould, B. S.: Bone and Tissue Phosphatase in Experimental Scurvy and Studies on the Source of Serum Phosphatase; *Am. J. Physiol.*, 135:485, 1942.
14. Smith, C. A.: Intrapulmonary Pressures in the Newborn Infant; *J. Ped.* 20:338, 1942.
15. Smith, C. A.: Human Milk Technology; *J. Ped.*, 20:616, 1942.
16. Smith, C. A.: Source-finding Experiences at the Infants' Hospital, Boston, Mass.; *The Commonwealth*, 29: No. 1, 1942.
17. Smith, C. A. and Kaplan, E.: Adjustment of Blood Oxygen Levels in Neonatal Life; *Am. J. Dis. Child.*, 64:843, 1942.
18. Smith, C. A. and Barker, R. H.: Ether in the Blood of the Newborn Infant.. *Am. J. Obst. and Gyn.*, 43:763, 1942.
19. Smith, C. A., Lowry, O. H., and Cohen, D. L.: A microcolorimetric Method for Measuring the Oxygen Saturation of Blood; *J. B. C.*, 146:519, 1942.
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MEDICAL DISEASES TREATED IN THE OUT-PATIENT DEPARTMENT

Diseases of the Newborn

Granuloma of umbilicus	3	
Prematurity	13	
Hypertonicity of infancy	5	
		21

Diseases of Nutrition

Acidosis	4	
Aerophagia	1	
Anorexia	43	
Celiac disease	5	
Celiac syndrome	3	
Dehydration	3	
Improper feeding	404	
Ketosis	5	
Malnutrition	91	
Nutritional disturbance	50	
Rickets	39	
Scurvy	23	
Tetany	6	
Vomiting	41	
Gastro-enteritis	12	
Marasmus	1	
Pica	2	
		733

Diseases of the Respiratory System

Deviated septum	8	
Epistaxis	19	
Foreign body in nose	3	
Hay fever	23	
Nasal obstruction	6	
Sinusitis	86	
Bronchosinusitis	1	
Asthma	179	
Bronchial obstruction	1	
Bronchiectasis	1	
Bronchitis	143	
Bronchiolitis	2	
Coryza	19	
Croup	1	
Grippe	2	
Laryngeal stridor	30	
Laryngitis	13	
Atelectasis	1	
Foreign body in lung	1	

Diseases of the Respiratory System—(Continued)

Pleurisy	1
Pneumonia	57
Pneumonitis	14
Upper respiratory infection	463
Rhinitis	108
Branchiogenic sinus	1
Ruptured nasal vein	1
Tracheitis	10
Congenital laryngeal anomaly	1

1,195

Diseases of the Alimentary System

Abscess, alveolar	2
Abscessed tooth	1
Abscess, peridental	1
Caries, teeth	65
Difficult dentition	5
Gingivitis	8
Malocclusion of teeth	6
Cleft palate	7
Cleft palate and harelip	2
Geographical tongue	1
Glossitis	2
Tongue tie	2
Micrognathia	1
Stomatitis	26
Thrush	7
Vincent's angina	9
Abscess, peritonsillar	1
Adenoiditis	3
Adenoids, hypertrophied	44
Adenoids, infected	2
Tonsillitis	159
Tonsils and adenoids, hypertrophied	282
Tonsils, infected	66
Tonsils and adenoids, infected	2
Turbينات, hypertrophied	3
Retropharyngeal abscess	2
Nasopharyngitis	139
Pylorospasm	6
Pyloric stenosis	1
Obstruction of pylorus	1
Gastritis	2
Abdominal pain, cause undetermined	34
Appendicitis	7
Enteritis	5
Enterospasm	1
Indigestion	10
Indigestion, intestinal	8

Diseases of the Alimentary System—(Continued)

Atonic large intestine.	1
Intestinal parasites.	42
Hyperperistalsis.	1
Colic.	1
Colitis.	4
Redundant colon.	1
Constipation.	84
Diarrhea.	24
Fecal impaction.	1
Fecal incontinence.	1
Megacolon.	1
Melena.	3
Low position of transverse colon.	1
Jaundice.	2
Icterus neonatorum.	1
Diastasis recti.	1
Hernia, inguinal.	10
Hernia, umbilical.	25
Cardiac spasm.	1
Pancreatic fibrosis.	1
Hernia, ventral.	2
Fissure in ano.	3
Fissure, rectal.	2
Pruritus.	1
Rectal polyp.	1
Tight anal sphincter.	3
Frenum of lip.	1
Parotitis.	1
Pharyngeal lymphoid hypertrophy.	2
	<hr/> 1,145

Diseases of the Genito- Urinary System

Cystitis.	3
Neurogenic bladder.	1
Nephritis.	17
Pyelonephritis.	21
Double ureter.	1
Oxaluria.	2
Pruritus vaginis.	1
Pyelitis.	21
Albuminuria, orthostatic.	24
Bacilluria.	2
Enuresis.	104
Glycosuria.	2
Hematuria.	3
Pyuria.	3
Balanitis.	1
Hydrocele.	10
Hypospadias.	3

Diseases of the Genito-Urinary System—(Continued)

Phimosis	35
Preputial adhesions	3
Redundant foreskin	6
Undescended testicle	15
Adherent labia majora	1
Adherent labia minora	1
Ptosis of kidney	1
Urinary retention	1
Vaginitis	23
Vulvitis	6
Adolescence	3
Meatal ulcer	3
Menorrhagia	1
Puberty	1
Recto-vaginal fistula	1
	<hr/> 320

Diseases of the Circulatory System

Congenital heart disease	69
Endocarditis	3
Functional heart murmur	16
Hypertrophy of heart	1
Mitral regurgitation	3
Rheumatic heart disease	14
Tachycardia, cause unknown	1
Sinus arrhythmia	1
	<hr/> 108

Diseases of Blood and Blood Forming Organs and Lymphatic System

Anemia, alimentary	1
Anemia, erythroblastic	5
Anemia, hypochromic	31
Anemia, secondary	72
Anemia, unclassified	48
Leukemia	3
Purpura	6
Splenomegaly	2
Adenitis, axillary	2
Adenitis, cervical	68
Adenitis, mesenteric	2
Adenitis, pre-auricular	1
Adenitis, secondary	1
Adenitis, submandibular	1
Adenitis, submaxillary	2
Lymphadenopathy, unclassified	1
	<hr/> 246

Diseases of the Ductless Glands

Cretinism.....	3
Diabetes mellitus.....	2
Diabetes insipidus.....	1
Hyperthyroidism.....	5
Obesity.....	74
Adolescent throid adenoma.....	1
Endocrine disturbance.....	1
Enlarged thymus.....	1
Froehlich's syndrome.....	1
Goitre.....	4
Pituitary dysfunction.....	1
Pluriglandular dysfunction.....	1
Sexual precocity.....	1

96

Diseases of the Nervous System

Amyotonia congenita.....	1
Behavior problem.....	215
Birth injury.....	17
Cephalhematoma.....	1
Cerebral deficiency.....	119
Cerebral injury.....	5
Chorea.....	13
Convulsions.....	58
Defective speech.....	24
Delayed speech.....	5
Encephalitis.....	1
Encephalopathy.....	14
Epilepsy.....	40
Habit spasm.....	31
Hydrocephalus.....	4
Insomnia.....	1
Meningeal hemorrhage.....	1
Meningitis.....	4
Microcephalus.....	12
Migraine.....	7
Headache.....	9
Mongolism.....	35
Myositis.....	1
Neuritis.....	1
Neurosis.....	1
Nervous child.....	5
Night terrors.....	6
Ophthalmoplegia.....	1
Palsy, cerebral.....	12
Palsy, Erb's.....	1
Paralysis, facial.....	4
Paralysis, spastic.....	17

Diseases of the Nervous System—(Continued)

Bell's palsy	2
Brachial palsy	9
Poliomyelitis, old	1
Syncope	6
Vertigo	1
Subdural hematoma	1
Subdural hemorrhage	1

687

Specific Infectious Diseases

Chicken pox	32
Dysentery	2
Infection, lower extremities	2
Infected navel	1
Infectious mononucleosis	2
Measles	18
Measles, German	13
Mumps	17
Pertussis	99
Pleurodynia	1
Poliomyelitis	2
Rheumatic fever	39
Scarlet fever	3
Scarlet fever, convalescent	1
Sore throat	3
Sore throat, streptococcus	1
Syphilis	2
Vaccinia	1

242

Tuberculosis

Tuberculosis	10
Tuberculosis, hilum	1
Tuberculin reactor	24
Tabes mesenterica	1

36

Diseases of Musculo-Skeletal System

Arthritis	5
Bow legs	3
Bursitis	1
Chondrodystrophy	1
Club feet (4)	
Calcaneo-valgus (1)	
Equino-varus (1)	6
Contracted heel cords	1
Dwarfism	2
Flat feet	10

Diseases of the Musculo-Skeletal System—(Continued)

Foot strain.	7
Fracture, clavicle.	2
Fracture, radius.	1
Fracture, tibia.	1
Funnel chest.	2
Hemiatrophy.	1
Knock knees.	13
Legg's disease.	1
Lordosis.	4
Osgood Schlatter's disease.	1
Osteoporosis.	1
Pectus excavatum.	3
Polydactylism.	1
Poor posture.	15
Pronated feet.	18
Scoliosis.	13
Spina bifida.	1
Strain.	3
Syndactylism.	2
Synovitis.	1
Torticollis.	3
Torticollis, congenital.	3
Valgus feet.	1
Weakness of muscles and ligaments.	1
Asymmetry of head.	1
Cervical rib.	1
Congenital deformity of toe.	1
Congenital depressed sternum.	2
Poorly calcified cranial bones.	1
Transposition of all abdominal organs.	1

135

Diseases of the Skin

Abscess, subcutaneous.	1
Acne.	1
Alopecia areata.	7
Blister.	2
Burns.	3
Callus.	2
Dermatitis.	182
Eczema.	392
Epidermophytosis.	13
Erythema multiforme.	1
Erythrodermia.	3
Folliculitis.	2
Frost bite.	2
Fungus infection.	9
Furunculosis.	94
Granuloma annulare.	1

Diseases of the Skin—(Continued)

Herpes, simplex 4 zoster 3.....	7
Ichthyosis.....	6
Impetigo.....	106
Insect bite.....	39
Intertrigo.....	6
Miliaria.....	8
Molluscum contagiosum.....	1
Paronychia.....	4
Pediculosis.....	9
Pityriasis rosea.....	5
Poison ivy.....	4
Psoriasis.....	7
Pyodermia.....	2
Ringworm.....	27
Scabies.....	17
Seborrhea.....	16
Sulfadiazine rash.....	1
Sunburn.....	1
Ulcer.....	2
Urticaria.....	55
Vitiligo.....	3
	<hr/>
	1,041

Diseases of the Eye

Blepharitis.....	5
Blindness.....	2
Conjunctivitis.....	11
Defective vision (7) impaired (2).....	9
Hordeolum.....	13
Microphthalmia.....	1
Mirror writing.....	1
Nystagmus.....	5
Ptosis.....	3
Refractive error of eyes.....	1
Strabismus.....	9
	<hr/>
	60

Diseases of the Ear

Cerumen.....	7
Deafness.....	12
Foreign body.....	1
Furuncle of ear.....	7
Lop ears.....	1
Mastoiditis.....	2
Myringitis.....	1
Otitis media.....	233
Otitis externa.....	3
	<hr/>
	267

Tumors

Cyst, sebaceous	1
Hemangioma	11
Hygroma	1
Lymphangioma	1
Moles	2
Nevus	7
Ovarian tumor	1
Papilloma	1
Telangiectoma	1
Tumor of breast	1
Warts	12

39

Unclassified

Abrasions	3
Allergy	26
Amputation	1
Amputation, uvula	1
Anxiety state	3
Arachnodactyly	1
Asphyxia, intra-uterine	3
Athlete's foot	1
Contusions	2
Dead on arrival	7
Debility	1
Deferred	278
Edema, angioneurotic	14
Eloped	13
Fat degeneration	1
Fatigue	3
Fever	3
Habits	48
Hematoma	2
Hysteria	1
Idiocy	3
Ingestion	
Ingestion, cathartic	1
Ingestion, Flit	1
Ingestion, furniture polish	1
Ingestion, moth ball	1
Ingestion, methyl salicylate	1
Ingestion, cough syrup	1
Lacerations	1
Masturbation	2
Moulting	1
No disease	424
Not seen	7
Pilonidal sinus	4
Poisoning, arsenic	1

Unclassified—(Continued)

Poisoning, lead.	5	
Poisoning, Thalium.	1	
Poor hygiene.	2	
Reaction to sulfadiazine.	1	
Vitamin deficiency.	1	
War anxiety.	1	
	<hr/>	872
New cases.	4,365	
Old cases.	16,948	
Transfers.	508	
	<hr/>	21,821

MEDICAL DISEASES TREATED IN THE WARDS

<i>Diseases of the Newborn</i>	<i>New</i>	<i>Old</i>
Erythroblastosis fetalis.	6	
Feeding problem in infancy.	2	
Jaundice of newborn.	1	
Prematurity.	1	
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	10	

<i>Diseases of Nutrition</i>		
Celiac disease.	4	
Celiac syndrome.	2	1
Idiopathic pancreatic fibrosis.	7	4
Nutritional disturbance, acute and chronic.	58	
Sprue.	1	
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	72	5

<i>Diseases of the Respiratory System</i>		
Abscess, lung.	2	
Asthma.	41	3
Atelectasis, pulmonary.	6	
Bronchiectasis.	4	4
Bronchitis.	27	2
Empyema.	5	
Emphysema, mediastinal.	1	
Epistaxis.	1	
Intra-thoracic tumor.	1	
Laryngitis.	11	
Laryngotracheitis.	10	
Laryngo-tracheo-bronchitis.	2	
Laryngeal stridor.	1	
Peritonsillar abscess.	1	
Pharyngeal abscess.	1	

Diseases of the Respiratory System—(Continued)

Pharyngitis	98	3
Pneumonia	223	
Sinusitis	44	1
Tonsillitis	100	3
Vincent's angina	1	
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	580	16

Diseases of the Alimentary System

Abdominal pain, cause undetermined	19	1
Abscess, alveolar	2	
Abscess, appendiceal	1	
Adhesions, peritoneal	1	
Aerophagia	2	
Agensis of gall bladder	1	
Appendicitis	14	
Cardiospasm	1	
Cholelithiasis	1	
Cleft palate	1	
Colitis	3	1
Constipation	6	
Cyst, omental	1	1
Dental caries	2	
Dilated colon	1	
Esophageal atresia	1	
Fecolith of appendix	1	
Foreign body in stomach	1	
Gastro-enteritis	19	
Gingivitis	2	
Harelip	1	
Hernia, diaphragmatic	1	
Hernia, femoral	1	
Impacted feces	1	
Intestinal allergy	2	
Intussusception	2	
Meckel's diverticulum	2	
Megacolon	1	
Melena	1	
Obstruction, intestinal	3	
Peritonitis	4	
Polyp, rectal	1	
Portal cirrhosis	1	
Pyloric stenosis	6	
Pylorospasm	2	
Rectal bleeding	1	
Ruptured spleen	1	
Stomatitis	1	
	<hr/>	<hr/>
	112	3

Diseases of the Genito- Urinary System

Calculus, ureteral.	1	
Congenital malformations of the urinary tract.	5	2
Cystitis.	2	
Disease undiagnosed of the genito-urinary tract.	1	
Enuresis.	2	
Glomerulonephritis.	10	4
Hematuria, cause unknown.	2	
Hydronephrosis.	4	
Hydroureter.	1	
Nephrosis.	1	1
Nephrotic stage of glomerulonephritis.	2	1
Phimosis.	3	
Pyelonephritis.	49	
Pyuria.	5	
Renal insufficiency, cause unknown.	1	
Ring contracture of penis.	1	
Ruptured corpus hemorrhagicum.	1	
Urethritis.	1	
Vaginitis.	1	
	<hr/>	<hr/>
	93	8

Diseases of the Circulatory System

Congenital heart disease.	9	1
Rheumatic heart disease.	8	3
	<hr/>	<hr/>
	17	4

Diseases of the Blood and Blood Forming Organs and Lymphatic System

Agranulocytosis.	1	
Anemia, aplastic.	5	
Anemia, cause undetermined.	3	
Anemia, due to acute blood loss.	1	
Anemia, due to iron deficiency.	2	
Anemia, erythroblastic.	2	2
Anemia, goat's milk.	1	
Anemia, hemolytic.	3	
Anemia, hypoplastic.	3	3
Anemia, secondary to infection.	1	
Anemia, secondary to malnutrition.	7	
Anemia, sickle cell.	1	
Banti's disease.	1	
Hemophilia.	4	9
Hemolytic crisis, ? etiology.	1	
Leukemia.	24	15
Lymphadenitis, unclassified.	86	1
Lymphangitis.	4	

*Diseases of the Blood and Blood Forming
Organs and Lymphatic System—(Continued)*

Lymphoma	2	
Pancytopenia	2	1
Purpura	9	1
Smith-Howard syndrome		2
	<hr/>	<hr/>
	163	31

Diseases of the Ductless Glands

Basophilic adenoma of pituitary	1	
Diabetes mellitus	6	5
Goiter	1	
Hyper-adrenalism		1
Hyper-thyroidism	1	
Precocious development	1	
Progeria	1	
Undiagnosed disease of endocrine system	1	
	<hr/>	<hr/>
	12	6

Tuberculosis

Positive tuberculin reactor	4	
Tuberculosis, childhood type	1	
Tuberculosis, pulmonary	4	1
Tuberculosis, spine	1	
Tuberculous contact	1	
Tuberculous meningitis	5	
Tuberculous pleurisy with effusion	1	1
	<hr/>	<hr/>
	17	2

Diseases of the Nervous System

Abscess of brain	2	
Amaurosis	2	
Amyotonia	2	
Anomaly of brain	2	
Arachnoiditis	1	
Athetosis	1	
Behavior problem	23	
Birth injury to brain	14	
Brain tumor	9	
Brain tumor suspect	3	1
Chorea	3	
Concussion, cerebral	10	
Convulsions, cause unknown	47	1
Convulsive disorder due to infection	2	
Cephalohematoma	1	
Deficiency, mental	65	2
Developmental word deafness	1	
Encephalitis	11	

Diseases of the Nervous System—(Continued)

Encephalocele.	1	
Encephalomyeloradiculitis.	1	
Encephalopathy.	54	5
Epilepsy.	42	2
Fainting spells.	1	
Focal motor cortical seizures.	1	
Gullain-Barre's syndrome.	1	
Habit spasm.	4	
Hematoma, subdural.	3	
Hydrocephalus.	6	1
Hypoplasia of brain.	5	
Hysteria.	6	
Idiopathic akinetic seizures.	2	
Idiopathic focal sensory cortical seizures.	3	
Idiopathic paroxysmal clouded state.	1	
Idiopathic paroxysmal disorder of nervous system.	1	
Intracranial damage.	1	
Measles encephalitis.	2	
Meningismus.	4	
Meningitis, acute, organism unknown.	3	
Meningitis, B. coli.	1	
Meningitis, H. influenzae.	10	1
Meningitis, lymphocytic chorio-.	1	
Meningitis, meningococcal.	8	
Meningitis, pneumococcal.	8	
Meningitis, streptococcal.	1	
Meningo-encephalomyelitis.	2	1
Mental irregularity.	1	
Microcephaly.	1	
Mongolism.	1	
Mumps, lepto-meningitis.	2	
Myelitis.	1	
Myelopathy.	1	
Nerve deafness, post H. influenzae meningitis.		1
Palsy, cerebral.	5	2
Paralysis, spastic.	22	1
Poisoning, lead.	5	
Porencephaly.	1	
Post-vaccinal encephalitis.	1	
Potential educational difficulty.	1	
Psychoneurosis.	1	
Psychosis, due to sulfadiazine.	1	
Spina bifida.	3	1
Spina bifida with myelomeningocele.		1
Talipes calcaneo-cavus, post-poliomyelitis.	1	
Tetany, infantile.	1	
Undiagnosed disease of the nervous system.	10	1
	<hr/>	<hr/>
	431	21

Specific Infectious Diseases

Carrier of virulent diphtheria bacilli.	1	
Cellulitis.	2	
Chicken pox.	5	
Common cold.	180	3
Dysentery.	1	
Erysipelas.	5	
Exanthem subitum.	6	
Furunculosis.	4	
Grippe.	1	
Infectious mononucleosis.	1	
Influenza.	1	
Measles.	18	3
Meningococcemia.	1	
Mumps.	6	
Pertussis.	5	
Poliomyelitis, acute, anterior.	5	
Rat bite fever.	1	
Rheumatic fever.	21	
Rheumatic fever with heart disease.	13	3
Scarlet fever.	15	1
Streptococcic sore throat.	2	
Syphilis.	3	
Tetanus.	1	
Trichinosis.	2	
Typhoid fever.	1	
Vaginitis.		1
	<hr/>	<hr/>
	301	11

Diseases of the Musculo-Skeletal System

Absence of upper extremities.	1	
Arthritis.	8	
Fracture, forearm.	1	
Fracture, frontal bone.	1	
Fracture, leg.	1	
Fracture, phalanx of toe.	1	
Genu-varum.		1
Lipocondrodystrophy.	1	
Muscular dystrophy.	2	
Osteomyelitis.	4	2
Rickets.	1	1
Scoliosis.	2	1
Supernumerary thumb.	1	
Talipes equino-varus.	1	
Toxic synovitis.	1	
Weakness of leg, cause unknown.	1	
Wringer arm.	1	
Wringer thumb.	1	
	<hr/>	<hr/>
	29	5

Diseases of the Skin

Abrasions.	3	
Abscesses.	5	
Angioneurotic edema.	1	
Burns.	3	
Cheilitis.	1	
Dermatitis.	8	
Eczema.	27	1
Epidermophytosis.	2	
Erythema marginata.	1	
Hemangioma.	2	
Hematoma.	2	
Herpes zoster.	3	
Impetigo.	8	
Lacerations.	1	
Pityriasis rosea.	1	
Poison ivy.	1	
Paronychia.	1	
Scabies.	3	
Ulcerations.	2	
Urticaria.	3	
	<hr/>	<hr/>
	76	1

Diseases of the Eye

Atrophy of optic nerve.	1	
Cataracts.	2	
Conjunctivitis.	1	
Corneal opacities.	1	
Corneal ulceration.	1	
Megalo-cornea.	1	
Microphthalmus.	1	
Nystagmus.	1	
Optic neuritis.	1	
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	10	0

Diseases of the Ear

Deafness, cause unknown.	3	
Otitis media.	201	14
Mastoiditis.	10	1
	<hr/>	<hr/>
	214	15

Unclassified

Acrodynia.	1	
Congenital deformities, multiple.	2	
Deferred.	31	1
Disease undiagnosed.	3	

Unclassified—(Continued)

Drug reaction.....	11	
Dwarfism.....	1	
Giantism.....	1	
Hypoglycemia, cause unknown.....	2	1
Intestinal parasitism.....	6	
Laurence Moon-Biedl syndrome.....	1	
Lupus erythematosus disseminatus.....	1	
No disease.....	20	
Overwhelming generalized infection.....	2	
Poisoning, drug.....	7	
Pyrexia, unknown origin.....	16	
Transfusion reaction.....	1	

106	2
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Number of cases admitted to Medical Ward.....	1,084
Number of cases admitted to Private Ward.....	865

<i>Total</i>	1,949
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New cases.....	2,243
Secondary diagnosis.....	130

<i>Total</i>	2,373
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REPORT OF THE DEPARTMENT OF ORTHOPEDIC SURGERY

THE war has made many extra burdens on this Department. In spite of these many difficulties, however, there has been no lowering of standards in the care of the large number of handicapped children who are treated in the Out-Patient Department and wards of the Hospital.

House Officers: All the men on the house staff must have graduated as surgical interns from some recognized hospital before they are accepted here. The Army regulations do not permit more than one year of internship following graduation from medical school. This means that there has been a good deal of disruption of the house staff service so it is about fifty per cent of normal. Dr. Zecchino, Dr. Hormell, and Dr. Jergeson were called to the armed services. In meeting our needs it has been necessary to suspend temporarily the preliminary eight months training in the Department of Pathology.

Chief Resident: Dr. Eugene Record, who was appointed chief resident in September, 1941, was called into active service in February, 1942. He was succeeded by Dr. John Bell who had recently graduated from the combined Orthopedic Service of the Massachusetts General Hospital and Children's Hospital.

Dr. Charles Sturdevant finished the chief residency in 1941, and was appointed assistant to Dr. William T. Green, the Director of Clinics of the Harvard Infantile Paralysis Commission. He was also made an Assistant in the Orthopedic Department and has been of great help in carrying on the Service at the Hospital and in the teaching of medical students.

Visiting Staff: Dr. Meier Karp and Dr. William Elliston have joined the Medical Corps of the Army with the rank of Major.

Our visiting staff has always been small in number and barely covered the several services of this Department so that even a depletion of two staff members plus the loss of house staff throws a heavy burden on those who are left. Several of our staff also take care of the orthopedic patients and orthopedic teaching at the Peter Bent Brigham Hospital.

Research: Research in several problems is being carried on in conjunction with the Department of Pathology. In July, 1942, Dr. Granville Bennett was put in charge of orthopedic research under the Department of Orthopedic Surgery. He was promoted to an Associate Professor by the Harvard Medical School.

The Department of Physical Therapy continues to function at a high standard for the hospital as a whole, and at the same time it is teaching physical therapy to women for the armed forces as well as for public health and hospital positions.

It is becoming more and more apparent that the present hospital facilities are inadequate for our purposes, and at the same time that many of our buildings are obsolete and not up to modern standards of hospital construction. It is, therefore, necessary that plans be made at a nearly time to correct inadequacies and modernize the hospital plant so that we and our successors will continue to give the public that service to which it is entitled.

I wish to thank all the departments of the hospital from the Board of Managers down, for their fine support and co-operation during the past year.

FRANK R. OBER,
Chief, Orthopedic Staff

ORTHOPEDIC OUT-PATIENT DEPARTMENT REPORT

Congenital Deformities

Torticollis.	46	
Anomalies of spine and chest.	20	
Deformities of shoulder girdle and upper extremities.	6	
Congenital dislocation of hip.	8	
Club feet.	54	
Other deformities of lower extremities.	56	
Miscellaneous.	13	
		<hr/> 203

Deformities of Unspecified Etiology

Pronated feet.	443	
Other deformities of feet.	121	
Knock knees.	77	
Bow legs.	48	
Deformities due to contractures.	28	
Abnormalities due to muscular or ligamentous relaxation.	13	
Torticollis other than congenital.	12	
Poor posture.	31	
		<hr/> 773

Infections and Inflammatory Diseases

Osteomyelitis.	2	
Epiphysitis.	2	
Synovitis.	21	
Bursitis.	1	
Arthritis, infectious or rheumatoid.	10	
Tuberculosis.	2	
		<hr/> 38

Traumatic Conditions

Fractures and dislocations.	89	
Sprains and strains, acute and chronic.	65	
Contusions, lacerations and foreign bodies.	22	
		<hr/> 176

Metabolic Diseases

Rickets with or without deformity.	13	
Scurvy.	1	
Obesity.	5	
		<hr/> 19

Neuromuscular Disorders

Cerebral palsies.	19	
Retarded development.	9	
Brachial palsies.	11	
Anterior poliomyelitis.	4	
Other neurological conditions.	2	
Muscular dystrophies.	3	
Cord injury.	1	
	<hr/>	49

Tumors and Malformations

Exostosis.	2	
Bone cysts.	2	
Neurofibromatosis.	2	
Hemangioma.	9	
Other soft tissue tumors.	2	
	<hr/>	17

Miscellaneous Orthopedic Conditions

Chondrodystrophy, etc.	8	
Coxa plana.	9	
Osgood-Schlatter's disease.	4	
Other osteochondritis.	15	
Slipped femoral epiphysis.	1	
Scoliosis.	20	
Popliteal and other cysts.	6	
	<hr/>	63

Non-orthopedic conditions.	39	
Deferred diagnosis.	58	
No disease.	66	
Not seen.	7	
	<hr/>	170

New cases.	993	
Old cases.	9,032	
Transfers.	423	
	<hr/>	

<i>Total.</i>		10,448
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ORTHOPEDIC DISEASES TREATED IN THE WARDS

<i>Congenital Anomalies and Malformations</i>	<i>New</i>	<i>Old</i>
Torticollis.	33	2
Spina bifida and related deformities.	15	17
Other deformities of trunk (scoliosis, Klippel-Feil, etc.).	8	4
Deformities of upper extremities.	4	

Congenital Malformations—(Continued)

Congenital dislocation of hip	20	14
Talipes and other deformities of feet	18	12
Other deformities of lower extremities	11	3
Osteochondral malformations (chondrodystrophy, cysts, etc.)	9	1
Multiple congenital anomalies including arthrogryposis . . .	7	6
	<hr/>	<hr/>
	125	59

Inflammatory and Infectious Diseases

Osteomyelitis, all forms	18	12
Suppurative arthritis, acute and residual	5	5
Non-specific arthritis (toxic, rheumatoid, etc.)	12	2
Soft tissue infection	5	
Tuberculosis	1	2
	<hr/>	<hr/>
	41	21

Traumatic Conditions

Fractures and dislocations	25	2
Post-traumatic deformities	4	2
	<hr/>	<hr/>
	29	4

Neuromuscular Diseases

Cerebral palsy (spastic paralysis, etc.)	18	6
Anterior Poliomyelitis		
Acute and convalescent	5	
Residual	38	16
Other forms of encephalo-myelitis	4	1
Brachial (obstetrical) palsy	6	3
Muscular dystrophy	1	
	<hr/>	<hr/>
	72	26

Miscellaneous Conditions

Coxa plana (Legg-Perthe's disease)	1	
Slipped upper femoral epiphysis	2	2
Subluxation of cervical spine (varied etiology)	2	1
Rickets	3	1
Osteogenesis imperfecta	1	2
Hemophilia	3	
Hemangioma, eosinophilic granuloma, neurofibroma, etc. . .	4	5
Other miscellaneous conditions	7	1
	<hr/>	<hr/>
	23	12

Miscellaneous—(Continued)

Non-orthopedic conditions.	3	
Diagnosis deferred.	9	
		<hr/>
		12
Number of cases treated on Orthopedic Ward.	370	
Number of cases treated on Private Ward.	78	
		<hr/>
<i>Total</i>		448
New cases.	302	
Secondary diagnosis.	122	
		<hr/>
<i>Total</i>		424

ORTHOPEDIC OPERATING ROOM REPORT

I. Procedures for Correction of Deformities Whether Congenital, Neurogenic, Metabolic, Etc.

Manipulation and application of cast.	16
Application of traction (Morris type).	9
Capsulotomies and ligamentous procedures.	8
Modified Sever procedure to shoulder.	2
Fasciotomies (all types).	8
Sternomastoid myotomies.	28
Tenotomies including tendon lengthenings.	23
Transplants	
Of muscles of lower leg.	21
Others.	10
Osteoclases.	3
Osteotomies (all types).	17
Epiphyseal arrests.	33
Arthrodeses	
Tarsal (Hoke).	24
Shoulder.	2
Spinal fusion.	1
Major reconstructive bony procedures.	4
Interscapular fascial lacing.	1
Ober operation for Sprengel's deformity (2 stages).	1
Open reduction for congenital dislocation of knee.	3
Open reduction for congenital dislocation of hip.	5
Closed reduction for congenital dislocation of hip (including remaniulation).	14
	<hr/>

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II. Procedures for Traumatic Conditions (Fractures, Dislocations)

Closed reduction and other non-operative procedures.	12	
Open reduction.	3	
Reconstructive procedures.	3	
	<hr/>	18

III. Procedures for Inflammatory Conditions

<i>Osteomyelitis</i>		
Incision and drainage, sequestrectomy, etc.	9	
Minor procedures (change of dressing, etc.).	11	
<i>Arthritis</i>		
Aspiration.	4	
Incision and drainage.	3	
Drainage of soft tissue abscess.	2	
	<hr/>	29

IV. Miscellaneous Procedures

Biopsy of bone lesion.	5	
Excision of exostosis.	3	
Excision of ganglion.	3	
Excision of hemangioma of knee.	1	
Plastic procedures (including skin grafts).	4	
Other miscellaneous procedures.	10	
	<hr/>	26
Total number of anesthetics on Orthopedic Ward.	288	
Total number of anesthetics on Private Ward.	95	
	<hr/>	
<i>Total.</i>		383
Total number of operations.		306

REPORT OF THE DEPARTMENT OF PATHOLOGY

WAR time demands have been felt in many ways and chiefly by the personnel of the department. Dr. Farber's anticipation of some of our problems and adjustment of use of available resources has made it possible to maintain unimpaired routine service to all branches of the hospital. The total number of autopsies performed was greater than for some years. Our activities were adjusted to include, in addition to routine work, a greater amount of teaching of interns, on all services, and medical students, than ever before. Special conferences for interns on all clinical services have been arranged by Dr. Farber, to provide some kind of pathologic training for those who no longer have the opportunity to work in the laboratory before assuming ward responsibilities. All clinical house officers and other members of the Staff have the opportunity to view pathologic specimens from every postmortem examination and to hear discussions of pathologic anatomy and physiology and clinico-pathologic correlations for one hour every week. This exercise, which does not supplant the regular weekly clinico-pathological conference, is attended also by fourth year students and doctors taking post-graduate courses in pediatrics and allied fields. There has been an important increase also in the amount of teaching of second year medical students given by members of the Department of Pathology as a result of the accelerated program.

Much of the research of the department has been oriented along channels of particular interest to present day problems. One project of current interest has been investigated by Dr. Farber in collaboration with Dr. George Thorn, newly appointed Physician-in-Chief at the Peter Bent Brigham Hospital. The pooling of resources from both hospitals in an attack upon an experimental problem is but one more sign of the eradication of the "twelve-year line" which once tended to create separation of scientific interests of this hospital and those of neighboring hospitals.

Research directed toward better understanding of the causes and treatment of disease and the education of doctors are thoroughly indoctrinated objectives of university medical schools and affiliated hospitals. Heads of university departments have great freedom in expenditure of energies and funds allocated to them in pursuit of these objectives. Hospital co-operation in response to individual initiative from without is usually enthusiastic whenever there is promise of productive collaboration. There is still need of university recognition that hospital clinics are the equivalents of established research laboratories and that university initiative and funds should materilize for application without regard to inter-hospital boundaries. The university organization as represented by heads of departments exists but some subsidence of competitive spirit among hospitals may be necessary for the just appraisal of which fields promise greatest fertility.

The close relationship of the Department of Pathology of Harvard Medical School to several hospitals has been productive not only of greater strength and efficiency in each hospital, but also of a broadness of vision not attainable in an organization limited by specialized interests. Although for many years our Department of Pathology has exercised freedom in the choice and conduct of its own investigations without restraint or artificial limitation imposed by its location in a specialized hospital, it has believed also that fulfillment of its opportunities and obligations as a hospital department lies in the interdigitation of its

activities in every possible way with those of other divisions of the hospital. The tangible result of this policy is the large number of studies conducted in this hospital which have been supported, stimulated or shared by members of this department. A direct influence upon the care of the patient is made possible by the intimate contact between clinicians and pathologists. The cordial and productive relations with the Department of Pediatrics so long enjoyed by the Department of Pathology continue as before through the leadership of Dr. Richard M. Smith, newly appointed Pediatrician-in-Chief, to whom the best wishes and full support of this department are offered.

During the past year clinico-pathological studies have been carried out by all clinical services. The experimental work of Dr. Franc Ingraham of the Surgical Service and Dr. William T. Green of the Orthopedic Service have received special support from this department. Dr. J. LeRoy Conel, Professor of Anatomy at Boston University Medical School, is continuing his work with renewed support by the Markle Foundation, on the post-natal development of the cerebral cortex, begun in 1931 in this department. His third volume should appear shortly. As has been mentioned in previous reports, the work of Dr. Conel is a classic contribution to his field and recognition of his efforts is widespread.

Personnel: There has been a greater amount of change in the duration of service than has been customary, because of present conditions. The most important change in personnel was the appointment of Dr. Henry W. Edmonds, formerly Resident Pathologist, to the position of Assistant Pathologist. His salary was obtained from sources outside of the hospital. Although his primary responsibilities were in research and teaching, he was able to add to the quality of the routine work performed in this department in an important manner. Dr. Lent C. Johnson was called to duty in the Medical Corps of the United States Army shortly before termination of his appointment as Resident Pathologist. He was succeeded by Dr. F. K. Mostofi, a native of Iran, a graduate of Harvard Medical School and formerly intern at the Peter Bent Brigham Hospital, and Resident Pathologist at the Boston Lying-in Hospital. Drs. Berenberg, Pope, Eichwald and Sung served for variable periods as house officers in Pathology during 1942. Dr. Sung, a pediatrician by training, served as house officer for six months before returning to China. Dr. Daniel Gray was the sole surgical house officer in Pathology during 1942, and Dr. Ann Stucky served for four months as a representative of the medical service. Drs. Hildebrand, Ormandy and Harris were the last of the orthopedic house officers in Pathology. Each of them served for eight months as part of the twenty-four month post-graduate course in orthopedic surgery given here and at the Massachusetts General Hospital. Dr. Charles Campelia was the last house officer in stomatology to spend time in the Department of Pathology in the study of oral pathology. As guest assistants, two men from foreign countries worked in the Department of Pathology.

Dr. Wu, of Peiping, China, a Fellow of the China Medical Board, was sent here to obtain special training in children's pathology before returning to China.

Dr. M. Salas, referred to in last year's report, left on March 1 for Mexico City to carry on work in children's pathology there.

Dr. Harry Shwachman, Research Fellow in Pathology and a member of the Department of Pediatrics as well, left in October, 1942, to enter the army. He had succeeded Dr. Charlotte L. Maddock in September, 1941, in studies carried on in collaboration with Dr. Farber concerning pancreatic enzymes and

disease in early life. Dr. Ruell A. Sloan left in August to enter the Army Medical Corps, leaving his year as Research Fellow in Orthopedic Pathology unfinished. He was here long enough, however, to make real progress in classifying the teaching collection of material in orthopedic pathology so that it would be more readily available for post-graduate teaching purposes.

The Department has been fortunate in having the devoted, experienced and intelligent support of Miss Helen Purtle, who has charge of the secretarial and administrative work, and of Mr. John Carabitses who is chief technician. The cheerfully given expert assistance rendered by these people has been utilized by all divisions of the hospital. Special mention should be made of the artistic quality of Mr. Harding's photography, examples of which have enriched our protocols for many years. A word of thanks would be appropriate to the Administration for what has been done in a trying period to maintain the standards of the department.

S. BURT WOLBACH, M.D.

AUTOPSIES

	<i>Deaths</i>	<i>Autopsies</i>
Infants' Hospital.	105	73
Children's Hospital*.	127	101
Private Ward.	22	13
	<hr/> 254	<hr/> 187**

AUTOPSIES PERFORMED

<i>Year</i>	<i>Children's***</i>	<i>Infants'</i>	<i>Combined</i>
1939.	84	98	182
1940.	73	104	177
1941.	86	73	159
1942.	114	73	187

TOTAL DEATHS

1939.	126	118	234
1940.	123	121	244
1941.	116	92	208
1942.	149	105	254

PERCENTAGE OF AUTOPSIES OBTAINED

1939.	73.6	83.05	77.7
1940.	62.6	85.1	75.0
1941.	80.0	79.4	76.4
1942.	79.5	69.5	73.6

SURGICAL SPECIMENS EXAMINED

<i>Year</i>	<i>Number</i>
1940.	708
1941.	730
1942.	739

*Includes all services but Infants' and Private Ward

**11 Outside autopsies not included

***Includes Private Ward

REPORT OF THE SURGICAL SERVICE

THE report of the Surgical Service for the year 1942 automatically falls into two categories. We cannot help but be interested in the activities of the members of the surgical staff who are in active service with the Armed Forces as well as in the activities of the hospital itself and in the few members of the staff who are remaining at their posts. The hospital has good reason to be proud of the achievements of the members of this staff who are in the Armed Forces.

Dr. Lanman has been promoted to Colonel in the Medical Corps of the U. S. A. He started as Commanding Officer of the 5th General Hospital, and on account of his ability at organization and in handling of personnel he has been given the position of re-organizing other hospitals. He is now Commanding Officer of the 10th Station Hospital. Previous to this transfer he received a letter of commendation from Brigadier General Collins from which quotations are taken.

"I commend you for the superior manner in which you have performed your duties as Commanding Officer of the Convalescent Hospital from 29 July, 1942 to the present date. You have had the difficult task of blending personnel from several different organizations into one highly efficient, harmonious unit. It was through your utmost loyalty, devotion to duty, and zeal that the many perplexing problems arising during this time were solved in such a superior manner.

Your accomplishments and reputation in the service of your country are comparable to the enviable reputation you enjoy as an outstanding teacher in civil life in one of our leading American Medical Schools."

At the time of his transfer from the 2nd General Hospital to the 10th Station Hospital as a part of the token of esteem of the Officers and Nurses the following comments were made.

"Colonel Lanman has consistently labored for the welfare and well-being of the patients, the enlisted men and the officers entrusted to his charge, without regard to his own welfare and regardless of the cost to himself; and

we, the Officers and Nurses of the North Ireland Detachment of the 2nd General Hospital, do hereby present to Colonel Lanamn a gift, in token of our respect, our loyalty and our affection."

From some of the other men who are further away we have less information. We do know, however, that Dr. Thorndike who is in the South Pacific has been promoted to Lieutenant Colonel and Commanding Officer of the 105th General Hospital. From the small fragments of information that are obtainable we gather that he has been in a very active area.

Dr. Carlyle G. Flake who is a Major is in active service with the 5th General Hospital so far as we know.

Dr. Mahoney has been promoted in the Medical Corps of the U. S. N. R. to Commander and is in charge of medical personnel on a large ship. He has had a very active service and has been almost continuously on sea duty.

Dr. Hudson also has been promoted to Commander and has been on active duty throughout the seven seas. At the present time he is going to have a rest from the ocean and is to have a concentrated course at the Mayo Clinic for a short period of time.

Dr. Chamberlain has been promoted to Lieutenant Commander, and he likewise has seen a large part of the world.

Dr. Lyman G. Richards holds the rank of Lieutenant Commander and is assigned to work at the present time at the Chelsea Naval Hospital.

Dr. Charles I. Johnson holds the rank of Commander and when he was last heard from he was in the Pacific.

Dr. Hannibal Hamlin is a Lieutenant Commander and when he was last heard from he was also in the Pacific.

All of these men have shown remarkable ability and have an enviable record which is a great credit to their country, to the hospital and to themselves.

Of the younger men Drs. F. Dale Wilson and Dean W. Tanner are overseas with the rank of Lieutenant. Drs. Robert E. White and Charles L. Dimmler, Jr. are overseas and have been promoted to Captain. Dr. Eben Alexander, Jr. whose residency was cut short here is in Texas and has been promoted to Captain.

Of the more recent graduates Drs. Henry Swan, Richard B. Starck and Donald B. Matson are still in this country with the rank of Lieutenant. Dr. Harold R. Hoover has been promoted to Lieutenant (sg) in the Navy.

On the home front the activities of the Surgical Service of the hospital have been carried on with a depleted personnel of the surgical and nursing staffs. This depletion of staffs has caused many difficulties but in spite of these the activities of the Service have continued.

A few figures from the statistical report will give an inkling of the bulk of work carried on by this department. In 1942 there were 3,411 admissions to the surgical wards as compared to 3,352 in 1941. In 1942 there were 3,244 operations performed as compared to 3,257 in 1941. This, as one may see, shows a very slight variation between the two years in the number of admissions to the hospital and in the number of operations performed. The number of unusual cases appears to be on the increase, and the geographical distribution seems to constantly enlarge. During the past year patients have not only come from the New England States and the Eastern Provinces of Canada but have come from many other States including those as far away as Texas and California, as well as one or two patients from South America.

The usual amount of investigative work being carried out has had to be diminished on account of the routine and other work that each member of the staff must necessarily do. Some research work, however, is being carried on by various members of the staff. The number of publications has been decreased as could be expected under the circumstances. Each member of the staff has had to bear an added burden of the teaching in the Harvard Medical School, partly due to the decrease in members of the staff to share it and partly due to the decreased personnel in other hospitals. There also has been added a course in Plastic surgery for the Army conducted by Dr. MacCollum, and besides this there have been numerous outside lectures given by members of the staff.

The Dental Clinics under the direction of Dr. Perkins and Dr. Losch have

continued to be of valuable help to the surgical service, and the work of Miss Segal in speech correction also has continued to be of great value.

The co-operation and help of the Board of Managers, as always, is an important factor in maintaining the spirit of the professional staff.

It is to be hoped that hostilities will be terminated in the not too distant future and that plans will be ready so that progress will be possible without a lag at that time.

WILLIAM E. LADD, M.D.,
Chief, Surgical Service

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SURGICAL OUT-PATIENT DEPARTMENT REPORT

Diseases of the Ductless Glands

Endocrine disturbance.	2	
Enlarged thyroid.	1	
Hypopituitarism.	1	
Obesity.	2	
		6

Diseases of the Respiratory System

Bronchitis.	4	
Empyema.	1	
Epistaxis.	2	
Foreign body in nose.	2	
Foreign body in trachea.	1	
Pneumonia (2) Broncho (1).	3	
Pneumonitis.	1	
Rhinitis.	3	
Sinusitis.	2	
Branchiogenetic sinus.	5	
Tonsillitis.	12	
Tonsils, hypertrophied.	1	
Tonsils and adenoids, hypertrophied.	11	
Adenoids, hypertrophied.	3	
Adenoiditis.	3	
Tracheitis.	2	
Upper respiratory infection.	43	
		99

SURGICAL DEPARTMENT

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Diseases of the Alimentary System

Abdominal pain.	86
Abscess, alveolar.	1
Abscess, ischio-rectal.	1
Abscess, pelvic.	1
Abscess, peri-rectal.	2
Anal fissure.	3
Anal tab.	1
Appendicitis.	6
Branchial sinus.	1
Carious teeth.	1
Abscessed tooth.	1
Cleft palate.	18
Colitis.	1
Constipation.	22
Diarrhea.	2
Enteritis.	4
Gastro-enteritis.	28
Foreign body in esophagus.	3
Fecal impaction.	8
Fissure, rectal.	4
Foreign body in gastro-intestinal tract.	21
Flatulence.	1
Frenum of lip.	2
Harelip.	6
Harelip and cleft palate.	7
Hemorrhoids.	3
Imperforate anus.	3
Inflammation of descending colon.	1
Intestinal parasites.	2
Jaundice.	1
Megacolon.	4
Melena.	7
Nasopharyngitis.	25
Nutritional disturbance.	8
Pharyngitis.	28
Foreign body in pharynx.	1
Ludwig's angina.	1
Peritonitis.	3
Polyp, rectal.	5
Polyposis of rectum.	1
Proctitis.	1
Prolapse of rectum.	14
Pylorospasm.	1
Pyloric stenosis.	14
Rectal bleeding.	2
Rectal sphincter spasm.	1
Stenosis, meatal.	2
Disturbance, nutritional.	1
Stomatitis.	2

Diseases of the Alimentary System—(Continued)

Supra-pubic pains.	1
Thyroglossal cyst.	6
Tongue tie.	18
Vesiculation over abdomen, ? Herpes.	1
Vomiting.	2

390

Diseases of the Genito- Urinary System

Abscess, labia majora.	1
Adherent labia minora.	1
Adhesions, labia majora.	2
Adhesions, vaginal.	1
Anomaly of ureter.	1
Balanitis.	19
Cystitis.	1
Double ureters.	3
Dysuria.	2
Enuresis.	7
Epispadias.	2
Exstrophy of bladder.	2
Hematuria.	2
Hermaphroditism.	1
Hydrocele.	72
Hydronephrosis.	1
Hypertrophy of breast.	9
Hypospadias.	27
Hypoplasia, genital.	1
Infected penis.	1
Bleeding penis.	1
Infection of perineum.	1
Mastitis.	6
Meatal ulcer.	40
Paraphimosis.	7
Patent urachus.	1
Phimosis.	161
Preputial adhesions.	15
Pyelitis.	8
Pyelonephritis.	4
Redundant caruncula myrtiforme.	1
Redundant foreskin.	22
Redundant mucous membrane of vagina.	1
Recto-vaginal fistula.	1
Renal calculus.	3
Renal colic.	1
Renal disease.	1
Aberrant renal vessel.	1
Undescended testicles.	39
Urethritis.	1
Posterior urethral valves.	2
Sexual precocity.	1

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Cardio-Vascular Diseases

Congenital heart disease.	2
Patent ductus arteriosus.	2
Rheumatic heart disease.	1
Telangiectasis.	1
Thrombophlebitis.	1
Dilation of veins of leg.	1

8

Diseases of the Lymphatic System

Abscess, submandibular.	1
Abscess, submental.	2
Adenitis, axillary.	8
Adenitis, cervical.	98
Adenitis, femoral.	2
Adenitis, inguinal.	15
Adenitis, mesenteric.	6
Adenitis, preauricular.	2
Adenitis, post-auricular.	1
Adenitis, submandibular.	2
Adenitis, submaxillary.	1
Adenitis, submental.	2
Lymphadenitis.	1
Lymphangiectasis.	1
Lymphangitis.	4

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Diseases of the Nervous System

Behavior problem.	4
Brain tumor.	3
Cephalhematoma.	4
Cerebral dysfunction.	1
Concussion.	18
Convulsions.	4
Encephalocele.	3
Head injury.	1
Headache.	4
Hematoma, subdural.	3
Hemorrhage.	1
Hydrocephalus.	18
Infection, head.	6
Meningismus.	1
Meningocele.	7
Mental retardation.	1
Mongolism.	3
Myelomeningocele.	6
Paralysis, facial.	3
Little's Disease.	1
Petit mal.	1
Spina bifida.	14

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Diseases of the Skin

Abrasions.....	39
Abscesses.....	19
Alopecia areata.....	3
Angio-endothelioma.....	1
Avulsion of fingers.....	3
Bite, cat.....	2
Bite, dog.....	28
Bite, insect.....	15
Bite, rat.....	1
Blister.....	9
Burns.....	36
Carbuncle.....	1
Cellulitis.....	3
Chalazion.....	2
Cholesteatoma.....	1
Cicatrix.....	1
Contusions.....	105
Cysts.....	25
Dermatitis.....	15
Eczema.....	3
Epidermophytosis.....	2
Epithelial tab.....	1
Erysipelas.....	1
Foreign body.....	25
Fungus infection.....	2
Furunculosis.....	54
Granuloma of umbilicus.....	9
Hemangioma.....	336
Hematoma.....	32
Hygroma.....	1
Impetigo.....	5
Infection, umbilicus.....	1
Ingrown toenails.....	4
Keloid.....	2
Lacerations.....	235
Lipoma.....	4
Lymphangioma.....	3
Mole.....	2
Mucocele.....	1
Neuroblastoma.....	1
Nevus.....	29
Omphalitis.....	1
Papilloma.....	3
Paronychia.....	22
Felon.....	3
Pediculosis.....	1
Poison ivy.....	4
Psoriasis.....	1
Puncture wound.....	21

Diseases of the Skin—(Continued)

Sunburn	1
Sycosis vulgaris	1
Tumors	3
Ulcer	2
Urticaria	1
Warts	31
Warts, plantar	2
Wringer injuries	4
Chest deformity of unknown origin	1
	<hr/> 1,164

Diseases of the Bones and Joints

Acromio-clavicular separation	2
Amputation, thumb	1
Anomaly of lower extremities, congenital	1
Asymmetry, face	3
Asymmetry, head	4
Bursitis	1
Club feet	2
Cyst, Baker's	2
Deformity, fingers, congenital	2
Deformity, foot, congenital	1
Deformity, hand, congenital	3
Deformity, toe, congenital	1
Deformities, multiple	2
Dislocations	2
Equino-varus feet	1
Exostosis	2
Fractures	79
Hammer toe	1
Osteomyelitis	2
Pilonidal sinus	7
Polydactylism	1
Pronated feet	1
Rachitic flaring of ribs	1
Rickets	1
Scaphocephaly	1
Scoliosis	1
Snapping thumb	2
Stiff neck	1
Supernumerary digit	1
Syndactylism	9
Synovitis	1
	<hr/> 139

Diseases of the Muscles, Tendons and Fascia

Contracture, due to burns	1
Ganglion	6
Hernia, femoral	2

Diseases of the Muscles, Tendons and Fascia—(Continued)

Hernia, incisional.	1	
Hernia, indirect.	1	
Hernia, inguinal.	174	
Hernia, umbilical.	115	
Hernia, ventral.	1	
Hypertrophy of face.	1	
Sprains.	31	
Strains.	8	
Torticollis.	8	
		<hr/> 349

Diseases of the Eye and Ear

Conjunctivitis.	1	
Deafness.	1	
Deformity of ear, congenital.	7	
Enlarged ear nodes.	1	
Foreign body, eye.	6	
Hordeolum.	6	
Lop ears.	8	
Mastoiditis.	1	
Ophthalmia.	1	
Otitis media.	36	
Post-auricular sinus.	1	
Pre-auricular tab.	2	
Ptosis, eye.	2	
		<hr/> 73

Miscellaneous Diseases

Anemia.	1	
Chicken pox.	2	
Dehydration.	1	
Feeding problems.	18	
Glandular maturation.	1	
Gonorrhea.	1	
Hoarseness.	2	
Infection, lower extremities.	22	
Infection, upper extremities.	6	
Infection, trunk.	1	
Malnutrition.	1	
Measles.	1	
Mumps.	8	
Pertussis.	2	
Scarlet fever.	1	
Tetany.	1	
		<hr/> 69
Deferred.	61	
Eloped.	27	

Miscellaneous—(Continued)

No disease.	51	
Not seen.	26	
		<hr/> 165
New cases.	2,430	
Old cases.	9,990	
Transfers.	565	
		<hr/>
Total.		12,985

OUT-PATIENT DEPARTMENT OPERATIONS

With Anaesthesia

Circumcisions.	113	
Debridement.	10	
Endothermy for hemangioma.	83	
Incision and drainage of abscesses and septic wounds.	63	
Lysis of adhesions for tongue-tie.	5	
Paracentesis.	219	
Plastic for wound of tongue.	1	
Proctoscopy.	16	
Reductions of fractures.	42	
Removal of cysts.	6	
Removal of digits.	2	
Removal of foreign body from wrist.	1	
Removal of foreign body (region unspecified).	1	
Removal of hemangioma.	6	
Removal of preauricular tabs.	4	
Removal of warts.	3	
Roentgen ray treatments with anaesthesia.	28	
Urethral dilatation.	14	
Vaginal examination.	2	
Wound sutures.	26	
		<hr/> 645

Without Anaesthesia

Carbon-dioxide snow treatments.	743
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SURGICAL DISEASES TREATED IN THE WARDS

<i>Diseases of the Ductless Glands</i>	<i>New</i>	<i>Old</i>
Adenoma of thyroid gland.		1
Froehlich's syndrome.	1	
Mastitis.	2	
Neuroblastoma of adrenal gland.	2	
Over-development of breasts.	1	
Tumor, adrenal.	1	
	<hr/>	<hr/>
	7	1

<i>Diseases of the Respiratory System</i>		
Abscess of lung.	3	
Absence of nasal septum.	1	
Agensis of lung.	2	2
Anomaly of thoracic vertebra.	1	
Atelectasis.	4	2
Bronchiectasis.	3	2
Bronchitis.	35	
Common cold.	30	
Deformity of nose.	1	1
Dislocated septum.	1	
Edema, obstructive, of glottis.	1	
Emphysema.	1	
Empyema.	6	3
Ethmoiditis.	2	
Fibrosis of lung.	1	
Hydropneumothorax.	2	
Hypertrophied tonsils and adenoids.	45	
Obstruction of bronchus.		1
Pharyngitis.	27	1
Pleural effusion.	1	
Pneumonia.	29	
Sinusitis.	2	
	<hr/>	<hr/>
	198	12

<i>Diseases of the Alimentary System</i>		
Abdominal pain, ? etiology.	124	5
Abscess, appendiceal.	6	
Abscess, gingival.	1	
Adhesions, intestinal.	4	
Adhesions, peritoneal.	2	
Adhesions, preputial.	1	
Alveolar defect.	6	4
Anomaly of bile ducts.	6	
Appendicitis.	110	
Atresia, anus.	8	1
Atresia, esophagus.		3

Diseases of the Alimentary System—(Continued)

Atresia, intestine.	7	
Biliary cirrhosis.	1	
Cholelithiasis.		1
Cleft palate.	39	14
Colitis, organism unknown.	2	
Colitis, ulcerative.	11	10
Congenital anomalies (not listed).	25	3
Constipation.	8	
Cysts and tumors of gastroenteric tract.	12	1
Decrease of function of pancreas.	1	
Dental caries.	20	1
Diarrhea.	2	
Dilatation of colon.	8	3
Extrusion, omentum, cecum and ascending colon.	1	
Fatty degeneration of liver.	1	
Fissure in ano.	1	
Fistula, anus.	2	
Fistula, fecal.	3	1
Fistula, recto-vaginal.	2	
Fistula, recto-vesicle.	1	
Fistula, tracheo-esophageal.	7	2
Fistula, vulvo-rectal.	1	
Foreign body in gastro-enteric tract.	1	
Gangrene of intestines.	4	
Gastro-enteritis.	9	
Gingivitis.	1	
Harelip.	30	1
Harelip and cleft palate.	53	47
Hematoma, mouth.	1	
Hemorrhage, G. I. tract.	2	
Impacted feces.	10	
Imperforate anus.	7	3
Incontinence of urine and feces.	3	4
Inflammation of cord.	1	
Intussusception.	25	
Jaundice.	3	
Malrotation of intestines.	18	
Meckel's diverticulum.	5	
Meconium ileus.	6	
Meconium peritonitis.	1	
Megacolon.	6	3
Melena.	6	2
Micrognathia.	1	
Mobile cecum.	2	
Mucocele.	1	
Intestinal obstruction.	9	1
Omphalitis.	4	
Oxyuriasis of appendix.	2	
Pancreatic fibrosis.	1	

Diseases of the Alimentary System—(Continued)

Perforation of colon	2	
Peritonitis	4	1
Polypsis, intestinal	1	2
Polypsis, rectal	1	1
Prolapse of rectum	4	
Pyloric stenosis	70	2
Rectal bleeding		1
Remnant of Vitelline duct	1	
Ruptured spleen	1	
Spasm of sphincter ani	1	
Stab wound over anus	1	
Stricture, esophageal	9	6
Stricture, rectum	2	
Thrush, mouth	2	
Tongue-tie	1	
Toxic hepatitis	1	
Ulcer, rectum	1	
Undiagnosed flank pain	1	
Undiagnosed disease of abdomen	1	
Volvulus of intestine	8	
Von Gierke's disease	1	
	748	123

Diseases of the Genito-Urinary System

Abscess, peri-nephric	2	
Abscess, peri-renal	1	
Abscess, urachus	1	
Anomalies of genitalia	12	
Anomalies of kidney and ureter	25	10
Azotemia	4	
Bleeding after circumcision	1	
Calculus, kidney	1	
Calculus, ureteral		2
Cryptorchidism	42	
Cystinuria	1	
Cystitis	4	
Diverticulum of bladder	1	
Enuresis	4	
Epispadias	4	
Exstrophy of bladder	6	7
Fistula, recto-vaginal	4	2
Fistula, urethral	1	
Fistula, urethro-rectal	1	
Fistula, urinary	1	
Hematuria	2	
Hemorrhage, kidney	1	
Hydrocele	49	1
Hydrometrocolpos	1	

Diseases of the Genito-Urinary System—(Continued)

Hydronephrosis	30	15
Hypospadias	7	1
Nephrotic stage of glomerulo-nephritis		1
Phimosis	19	
Pyelonephritis	16	2
Stenosis, urethral meatus	1	
Stricture, ureter	1	
Stricture, uretero-vesicle orifice	1	
Stricture, urethra	2	2
Tumors of genito-urinary tract	11	8
Ulcer, meatus	1	
Urethritis	3	
Urinary retention	1	
	<hr/> 262	<hr/> 51

Diseases of the Cardio-Vascular System

Arterio-venous aneurysm		1
Cardiac effusion	1	
Congenital heart disease	16	5
Neimann-Pick's disease	2	4
Patent ductus arteriosus	6	3
Pericardial effusion	1	
Phlebectasia	1	
Rheumatic heart disease	2	1
Thrombosis, iliac and femoral arteries	1	
Varicose veins		1
	<hr/> 30	<hr/> 15

Diseases of the Lymphatic System

Enlargement of cervical glands	1	1
Lymphadenitis	28	1
Lymphadenitis, mesenteric	5	
Lymphangioma	3	
Lymphangitis	2	
Lymphoid hyperplasia of appendix	1	
Lymphoblastoma	1	
Lymphoma	1	
Neoplasm, submaxillary gland	1	
	<hr/> 43	<hr/> 2

Diseases of the Nervous System

Abscess, brain	3
Angioma, cerebral cortical vessels	1
Anomalies of central nervous system	19
Arachnoiditis	5
Arnold-Chiari syndrome	3

Diseases of the Nervous System—(Continued)

Atelomyelia		1
Atrophy, cortical	12	2
Birth injury	4	
Brain tumor	7	7
Cephalohematoma	2	
Cicatrix of cortex	1	
Concussion, cerebral	30	
Craniosynostosis	2	
Cyst, dermoid	4	
Disease undiagnosed, brain tumor suspected	10	1
Deficiency, mental	9	2
Encephalitis	4	
Encephalocele	10	
Encephalopathy	5	3
Ependymoma	1	2
Epilepsy	13	5
Ganglioneuroma	2	
Giant cell tumor of cord	2	
Glioma of cerebellum	1	
Hemangioma	2	1
Hematoma, subdural	13	2
Hemorrhage, cerebral	2	
Hydrocephalus	23	3
Idiopathic simple migraine	1	
Kernikterus	1	
Lipoma, cord tumor		2
Lipoma, epidural	2	
Lipoma, subcutaneous	1	
Lipomyelomeningocele, lumbar	1	
Meningitis	6	1
Microcephaly	1	
Mongolism	1	
Multiple sclerosis	1	
Myelitis	3	
Nerve deafness	1	
Neuroblastoma, cerebellum	1	1
Old cerebellar hemorrhage, with cystic degeneration	1	
Paralysis, facial	2	
Paralysis, flaccid	2	
Paralysis, obstetrical	1	
Paralysis, seventh nerve	1	
Paralysis, spastic	1	
Pilonidal sinus	3	
Spina bifida occulta	7	2
Spina bifida with meingo-encephalocele	1	
Spina bifida with meningocele	21	4
Spina bifida with myelomeningocele	6	2
Talipes calcaneo-valgus, post-poliomyelitis		1

Diseases of the Nervous System—(Continued)

Teratoma	2	2
Thrombosis of vessels of brain suspected	1	
	<hr/> 259	<hr/> 44

Diseases of the Skin and Subcutaneous Tissue

Abscesses	48	1
Branchial cyst	5	2
Branchial fistula	1	
Branchiogenetic nodule	1	
Burns	39	1
Cellulitis	19	2
Cicatrix	16	3
Contusions, abrasions, and lacerations	56	
Cysts of skin	23	2
Dermatitis	2	
Dermatophytosis	1	
Eczema	2	1
Exanthem subitum	1	
Excoriation, leg	1	
Foreign body	2	1
Furuncles	9	
Gangrene, skin	1	
Hemangioma of skin	8	2
Hemangio-endothelioma	1	3
Hematoma	2	1
Impetigo	2	
Infections	16	
Lymphangio-endothelioma	1	
Lymphangioma, leg	1	1
Neoplasm, cheek	1	
Scar of scalp, undetermined cause	1	
Sinus	12	
Sunburn	1	
Tumors of skin	21	
Ulcers	2	
Verruca vulgaris	1	
Wringer arm	7	1
	<hr/> 304	<hr/> 21

Diseases of the Bones and Joints

Amputation of finger	4	
Angio-endothelioma		1
Arthritis	1	
Bowing of tibia and fibula	1	
Compression, ulnar nerve by callus	1	
Congenital anomalies of bone	31	3

Diseases of the Bones and Joints—(Continued)

Dislocations.	3	
Exostoses.	1	
Flexion deformity of hip and knees.	1	
Fractures.	65	1
Hypoplasia of mandible.	1	
Osteomyelitis.	12	5
Pain in femur, etiology unknown.	1	
Puncture wound.	2	
Rickets.	1	
Scoliosis.	2	
Spondylitis, tuberculous.	2	
Subluxation, astragalo-calcaneus articulation.	1	
Subluxation, hip.		1
Subluxation, ulna.	1	
Synovitis.	1	
Talipes equino-cavus.	1	
Talipes equino-varus.	8	
Torticollis.	1	
	<hr/> 142	<hr/> 11

Diseases of the Muscles, Tendons and Fascia

Ganglia of tendon of popliteal space.	1	
Ganglion.	6	
Hernia, diaphragmatic.	8	
Hernia, inguinal.	225	7
Hernia, umbilical.	42	2
Hernia, ventral.	4	
Hernia into cord.	1	
Omphalocele.	3	
Situs transversus.	1	
	<hr/> 291	<hr/> 9

Diseases of the Eye and Ear

Anomaly of ear (not lop ear).	11	4
Anomaly of eye.	14	
Lop ears.	4	
Otitis media.	18	1
	<hr/> 47	<hr/> 5

Systemic Diseases, Hospital Complications and

Miscellaneous

Acidosis.	1
Actinomycosis.	1
Alkalosis.	1
Anemia.	12

*Systemic Diseases, Hospital Complications and
Miscellaneous—(Continued)*

Asphyxiation	1	
Bacteremia	1	
Celiac disease	1	
Congenital deformities, multiple	1	
Cystic hygroma	1	
Deferred	4	
Diabetes mellitus		2
Disease undiagnosed	1	
Edema	1	
Evisceration	1	
Feeding problem	13	
Fever of unknown origin	2	
Granuloma, eosinophilic	1	
Heat stroke	1	
Hemophilia		1
Hypoglycemia		1
Ingrowing toenail	1	
Infantile tetany	2	
Hemorrhagic disease of newborn	1	
Leukemia	1	
Malnutrition	6	
Measles	3	
No disease	3	
Papillary adenoma, carcinoma, site unknown	1	
Prematurity	2	
Poisoning	3	
Positive tuberculin reactor	2	
Purpura	1	3
Rheumatic fever	1	
Scarlet fever	1	
Sensitivity to soap	1	
Septicemia	1	
Shock following trauma	1	
Smith-Howard syndrome		2
Splenomegaly	1	1
Syphilis	1	
Tuberculosis, renal	2	
Tuberculosis, spine		1
Tuberculous pleurisy with effusion	1	
Vaccinia due to sunburn	1	
Vomiting	9	1
Wassermann reaction positive	2	
	92	12
Number of cases admitted to Surgical Ward	1,515	
Number of cases admitted to Private Ward	406	
<i>Total</i>		1,921

*Systemic Diseases, Hospital Complications and
Miscellaneous—(Continued)*

New Diagnosis	2,423	
Secondary Diagnosis	306	
	<hr/>	
Total		2,729

SURGICAL OPERATING ROOM REPORT

Operations of the Ductless Glands

Biopsy	1	
Excision	2	
	<hr/>	3

Operations of the Respiratory System

Abscess, lung		
Lobectomy	1	
Bronchiectasis		
Lobectomy	2	
Pneumonectomy	1	
Removal of sutures with insertion of catheter	1	
Deformity of nose		
Plastic	1	
Plastic with insertion of bone graft	1	
Empyema		
Intercostal drainage, closed	1	
Intercostal drainage, rib resection and open drainage . . .	1	
Rib resection	5	
Hypertrophy of tonsils and adenoids		
Tonsillectomy and adenoidectomy	24	
	<hr/>	38

Operations of the Alimentary System

Abdominal pain, etiology unknown		
Appendectomy	2	
Cystoscopy with pyelograms	3	
Electro-encephalogram	1	
Exploratory laparotomy	2	
Exploratory laparotomy and appendectomy	10	
Proctoscopy	1	
Abscess, appendiceal		
Exploratory laparotomy with drainage	1	
Incision and drainage	5	
Abscess, gingival		
Incision and drainage	1	

Operations of the Alimentary System—(Continued)

Adhesions, intestinal	
Appendectomy with lysis of adhesions.	1
Lysis of adhesions.	1
Adhesions, peritoneal	
Abdominal exploration with lysis of adhesions.	1
Appendectomy with drainage.	1
Lysis of adhesions.	1
Anomaly of bile ducts	
Exploratory laparotomy.	2
Exploratory laparotomy with irrigation.	1
Hepaticoduodenostomy.	2
Appendicitis	
Appendectomy.	63
Appendectomy with drains.	36
Appendectomy with exploratory laparotomy.	6
Appendectomy with implantation of sulfathiazole.	2
Cystoscopy with pyelograms.	1
Incision and drainage.	4
Incidental appendectomy.	3
Atresia, intestinal	
Anastomosis with exploratory laparotomy.	1
Duodenojejunostomy.	2
Ileo-ileostomy.	1
Cholelithiasis	
Cholecystectomy.	1
Cleft palate	
Plastic.	39
Colitis, ulcerative	
Exploratory laparotomy.	1
Exploratory laparotomy with appendectomy and biopsy.	1
Ileostomy and appendectomy.	1
Plastic.	1
Proctoscopy.	11
Proctoscopy and sigmoidostomy.	1
Congenital malformations (not listed)	
Dilatation.	1
Excision.	1
Exploratory laparotomy.	2
Exploratory laparotomy with sigmoidostomy.	1
Ladd's procedure and appendectomy.	1
Lumbar sympathectomy.	1
Lysis of adhesions.	2
Proctoscopy.	1
Resection and anastomosis.	2
Sigmoidostomy.	1
Splenectomy.	1
Constipation	
Proctoscopy.	1

Operations of the Alimentary System—(Continued)

Cysts and tumors of gastro-enteric tract	
Excision	4
Exploratory laparotomy and appendectomy	1
Proctoscopy	3
Proctoscopy and excision	2
Sigmoidostomy and exploratory laparotomy	1
Dental caries	
Extraction of teeth	10
Diarrhoea	
Proctoscopy	1
Dilatation of colon	
Anal dilatation	1
Lumbar sympathectomy and appendectomy	1
Fissure of anus	
Proctoscopy	1
Fistula, anus	
Plastic	1
Fistula, fecal	
Closure of ileo-colostomy	1
Excision, resection and ileo-colostomy	1
Fistula, tracheo-esophageal	
Closure	2
Ligation	3
Ligation and division	1
Marsupialization and gastrostomy	1
Repair	1
Thoracoplasty with ligation	1
Fistula, vulvo-rectal	
Repair	1
Foreign body in rectum	
Removal	1
Gastro-enteritis	
Exploratory laparotomy and appendectomy	1
Retrograde pyelograms	1
Harelip	
Plastic	30
Harelip and cleft palate	
Excision of premaxilla	1
Plastic to lip	35
Plastic to palate	39
Hematoma	
Excision and biopsy	1
Imperforate anus	
Anoplasty	1
Closure of colostomy	2
Colostomy	6
Plastic	4
Revision of sigmoidostomy	1
Sigmoidostomy	1

Operations of the Alimentary System—(Continued)

Incontinence of urine and feces	
Cystoscopy.....	1
Proctoscopy.....	1
Uretero-sigmoid transplant.....	2
Intestinal obstruction	
Duodenojejunoscopy.....	1
Exploratory laparotomy with lysis of adhesions.....	4
Exploratory laparotomy with Witzel enterostomy.....	1
Freeing of adhesions.....	1
Ladd's procedure.....	1
Lysis of adhesions.....	9
Lysis of adhesions and Witzel enterostomy.....	1
Intussusception	
Closure of colostomy.....	1
Exploratory laparotomy.....	3
Exploratory laparotomy and appendectomy.....	4
Proctoscopy.....	1
Reduction.....	15
Reduction and appendectomy.....	4
Malrotation of intestines	
Cystoscopy.....	1
Exploratory laparotomy and Ladd's procedure.....	2
Ladd's procedure.....	9
Lysis of bands and appendectomy.....	1
Resection and appendectomy.....	1
Meckel's diverticulum	
Excision.....	2
Repair.....	1
Resection and side to side anastomosis.....	1
Meconium ileus	
Colostomy and Witzel enterostomy.....	1
Exploratory laparotomy, ileostomy and cecostomy.....	1
Exploratory laparotomy and Witzel enterostomy.....	1
Ileo-colostomy, Witzel enterostomy and appendectomy..	1
Witzel enterostomy.....	1
Megacolon	
Proctoscopy.....	3
Sympathectomy.....	2
Melena	
Exploratory laparotomy.....	1
Proctoscopy.....	4
Sigmoidostomy.....	1
Mobile cecum	
Exploratory laparotomy.....	1
Mucocele	
Excision.....	1
Oxyuriasis of appendix	
Appendectomy.....	1
Exploratory laparotomy and appendectomy.....	1

Operations of the Alimentary System—(Continued)

Perforation of colon	
Exploratory laparotomy.....	1
Peritonitis	
Incision and drainage.....	2
Polyposis of intestine	
Proctoscopy.....	1
Polyposis, rectum	
Excision.....	1
Proctoscopy with endothermy and excision.....	1
Prolapse of rectum	
Anoplasty.....	1
Electro-cauterization.....	1
Plastic.....	1
Pyloric stenosis	
Pyloromyotomy.....	69
Pyloromyotomy and appendectomy.....	1
Rectal bleeding	
Proctoscopy.....	2
Remnant of Vitelline duct	
Excision.....	1
Stricture, anus	
Proctoscopy.....	1
Stricture, esophagus	
Dilatation.....	5
Plastic.....	1
Marsupialization with gastrostomy.....	1
Tongue-tie	
Freeing of tongue-tie.....	1
Ulcer of rectum	
Proctoscopy.....	1
Volvulus	
Enterostomy.....	1
Exploratory laparotomy and reduction.....	2
Reduction.....	3
Von Gierke's disease	
Abdominal exploration with biopsy.....	1

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Operations of the Genito-Urinary System

Abscess, perinephric	
Cystoscopy.....	1
Incision and drainage.....	1
Abscess, peri-renal	
Incision and drainage.....	1
Abscess, urachus	
Excision.....	1
Anomaly of genitalia	
Exploratory laparotomy.....	1
Freeing of testicle.....	1

Operations of the Genito- Urinary System—(Continued)

Pelvic examination	1
Plastic	3
Anomaly of kidney and ureter	
Cystoscopy	6
Cystoscopy and cystotomy	1
Cystoscopy and excision	1
Cystoscopy and urethral dilatation	1
Cystoscopy and retrograde pyelograms	8
Dilatation and plastic	1
Exploratory laparotomy	1
Ligation	1
Nephrectomy	3
Removal of catheter	1
Renal exploration	2
Ureteroplasty	1
Cryptorchidism	
Orchidopexy	38
Orchidopexy and herniorrhaphy	32
Cystitis	
Cystoscopy	1
Diverticulum of bladder	
Cystoscopy	1
Excision	1
Enuresis	
Cystoscopy with pyelograms	3
Epispadias	
Plastic	2
Urethral dilatation	1
Exstrophy of bladder	
Cystectomy	2
Cystotomy and repair	1
Plastic repair	1
Ureterosigmoidostomy	1
Fistula, recto-vaginal	
Closure	1
Closure and colostomy	1
Plastic	2
Revision	1
Sigmoidostomy	1
Spur crushing and colostomy	1
Hematuria	
Cystoscopy with pyelograms	1
Hydrocele	
Excision	38
Hydronephrosis	
Cystoscopy	1
Cystoscopy and proctoscopy	1
Cystoscopy with pyelograms	11
Ligation, division and dilatation	1

Operations of the Genito- Urinary System—(Continued)

Nephrectomy	3
Nephrectomy and ureterectomy	1
Nephrolithotomy	1
Renal exploration	5
Suprapubic cystotomy and dilatation	2
Urethral dilatation with excision	1
Hypospadias	
Plastic	3
Phimosis	
Circumcision	22
Pyelonephritis	
Cystoscopy	1
Cystoscopy with retrograde pyelograms	4
Suprapubic cystotomy	1
Stenosis, urethral meatus	
Meatotomy	1
Stricture, ureter	
Cystoscopy with retrograde pyelograms	1
Renal exploration	1
Stricture, urethra	
Insertion of catheter	1
Thiersch graft	1
Urethral dilatation	3
Urethrotomy	1
Tumors of genito-urinary tract	
Cystoscopy	1
Cystoscopy with retrograde pyelograms	1
Excision	4
Excision and curettage	2
Excision and nephrectomy	2
Excision with plastic	1
Exploratory laparotomy and biopsy	1
Nephrectomy	2

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Operations of the Cardio-Vascular System

Deep phlebitis of calf	
Division and ligation of superficial femoral vein	1
Patent ductus arteriosus	
Division	1
Division and closure	3
Ligation	3
Phlebectasia	
Incision	1

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Operations of the Lymphatic System

Lymphadenitis	
Biopsy	2
Dissection	1

Operations of the Lymphatic System—(Continued)

Excision	1
Incision and drainage	5
Lymphadenitis, mesenteric	
Appendectomy	1
Exploratory laparotomy and appendectomy	1
Lymphangioma	
Biopsy	2
Excision	1
Lymphogranuloma of lymphnodes	
Excision	1
Lymphoid hyperplasia of appendix	
Appendectomy	1
Lymphoma	
Excision	2
Neoplasm, lymphatic gland	
Dissection	1

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Operations of the Nervous System

Abscess, brain	
Bone flap	4
Bone flap and exploration	1
Burr holes	4
Burr holes and bone flap	1
Enlargement of burr holes	1
Pneumoencephalograms	3
Pneumoventriculogram	1
Adhesions, thoraco-lumbar cord	
Lysis of adhesions	1
Angioma, cerebral cortical vessels	
Bone flap	1
Anomaly of central nervous system	
Bone flap	1
Bone flap and decompression	1
Plastic	1
Pneumo-encephalogram	3
Pneumo-encephalogram with bone flap	1
Pneumo-ventriculogram, burr holes and craniotomy	1
Posterior fossa exploration	1
Arachnoiditis	
Bone flap with ventriculogram	1
Burr holes	1
Exploration with incision and drainage	1
Exploration with pneumo-encephalograms	1
Exploration and Torkildsen procedure	1
Plastic	1
Pneumo-encephalogram	2
Removal of Torkildsen tube	1
Ventriculostomy	1

Operations of the Nervous System—(Continued)

Arnold-Chiari syndrome	
Exploration and decompression.	1
Pneumo-ventriculogram and pneumo-encephalogram. . . .	1
Atrophy, cortical	
Bone flap.	1
Burr holes.	3
Incision and drainage.	1
Pneumo-encephalogram.	5
Brain tumor	
Bone flap.	2
Bone flap and biopsy.	1
Bone flap with excision.	1
Bone flap with exploration.	1
Burr holes.	1
Burr holes and decompression.	1
Pneumo-encephalogram.	1
Pneumo-ventriculogram.	1
Pneumo-ventriculogram with bone flap.	2
Posterior fossa exploration.	6
Torkildsen procedure.	1
Cranial synostosis	
Coronal craniotomy.	1
Cyst, dermoid	
Incision and drainage with secondary closure.	1
Pneumo-ventriculogram with posterior fossa exploration.	1
Ventriculostomy.	1
Deficiency, mental	
Burr holes.	1
Pneumo-encephalogram.	1
Disease undiagnosed, brain tumor suspected	
Bone flap.	1
Bone flap and exploration.	1
Bone flap and pneumo-ventriculogram.	1
Burr holes.	3
Pneumo-encephalogram.	7
Pneumo-ventriculogram, craniectomy and exploration. . .	1
Pneumo-ventriculogram and pneumo-encephalogram. . . .	3
Encephalocele	
Excision.	7
Posterior fossa exploration.	1
Epilepsy	
Bone flap.	2
Burr holes.	3
Burr holes and pneumo-encephalogram.	1
Pneumo-encephalogram.	5
Pneumo-ventriculogram.	1
Encephalopathy	
Burr holes.	4
Pneumo-encephalogram.	8

Operations of the Nervous System—(Continued)

Pneumo-ventriculogram	1
Posterior fossa exploration	2
Ependymoma	
Bone flap with biopsy	1
Bone flap with excision	2
Pneumo-ventriculogram	1
Ganglioneuroma	
Excision	1
Hematoma, subdural	
Bone flap	4
Burr holes	4
Incision and drainage	1
Pneumo-encephalogram	3
Hemorrhage, intracranial	
Pneumo-encephalogram	1
Hydrocephalus	
Burr holes	1
Burr holes and ventriculostomy	1
Cranioscopy	1
Parietal coronal flap	1
Pneumo-encephalogram	2
Pneumo-ventriculogram	1
Posterior fossa exploration	4
Ventriculostomy	4
Idiopathic simple migraine	
Pneumo-encephalogram	1
Lipoma, epidural	
Laminectomy and excision	1
Spinograms with X-rays	1
Lipomyelomeningocele, lumbar	
Excision	1
Meningo-encephalocele	
Excision	3
Posterior fossa exploration	1
Multiple sclerosis	
Burr holes	1
Pneumo-encephalogram	4
Paralysis, facial	
Pneumo-encephalogram	1
Spina bifida occulta	
Exploration of spine	1
Laminectomy	1
Spina bifida with lipomyelomeningocele	
Excision	1
Spina bifida with meningocele	
Excision	14
Spina bifida with myelomeningocele	
Excision	6
Revision	1

Operations of the Nervous System—(Continued)

Teratoma	
Burr holes	1
Excision	2
Pneumo-ventriculogram and posterior fossa exploration . .	1
Re-exploration of posterior fossa	1
Transection of cervical cord	
Application of skull traction	201

Operations of the Skin

Abscesses	
Incision and drainage	28
Branchial cleft tab	
Excision	1
Branchial cyst	
Curettage and incision	1
Excision	5
Branchiogenetic nodule	
Excision	1
Branchiogenetic sinus	
Endothermy	1
Excision	2
Branchial fistula	
Excision	1
Burns	
Amputation	1
Debridement	18
Padgett Thiersch graft	1
Thiersch graft	7
Cellulitis	
Incision and drainage	1
Cicatrix	
Completion of pedicle graft	1
Excision	5
Pedicle graft and Thiersch graft	1
Plastic	3
Plastic repair to Thiersch graft	1
Second stage graft	1
Thiersch graft	2
Contracture of skin due to burns	
Thiersch graft	1
"Z" plastic and Thiersch graft	1
Cysts of skin	
Curettage	1
Excision	16
Incision and drainage	2
Foreign body	
Removal	3

Operations of the Skin—(Continued)

Hemangio-endothelioma	
Endothermy.....	1
Excision.....	2
X-ray treatment.....	1
Hemangioma	
Biopsy.....	1
Excision.....	3
X-ray treatment.....	1
Hematoma	
Incision and drainage with irrigation.....	1
Infection, thumb	
Incision and drainage.....	1
Lacerations	
Cleansing.....	1
Debridement.....	1
Debridement and suturing.....	4
Exploration and debridement.....	1
Plastic.....	1
Suturing.....	21
Tendon transplant.....	1
Lymphangio-endothelioma	
Excision.....	1
Lymphangioma	
Excision.....	1
Sinus	
Excision.....	8
Incision and drainage.....	5
Sunburn of back	
Debridement.....	1
Tumors of skin	
Aspiration.....	1
Biopsy.....	4
Endothermy and ligation.....	1
Excision.....	6
Excision with Thiersch graft.....	1
Laminectomy with re-exploration.....	1
Pneumo-encephalogram.....	1
Ulcers	
Razor graft.....	1
Verruca vulgaris	
Excision.....	1
Wringer arm	
Incision and drainage.....	2
Wringer thumb	
Debridement.....	1

Operations of the Bones and Joints

Amputation of finger	
Debridement and plastic repair	1
Plastic	1
Suturing	1
Thiersch graft	1
Congenital anomaly of bone	
Excision	12
Freeing of web and Thiersch graft	2
Plastic	6
Plastic with Thiersch graft	1
Pneumo-encephalogram	1
Dislocation	
Reduction	1
Fractures	
Application of spica	1
Burr holes	1
Decompression	1
Elevation	5
Reduction, closed	5
Reduction, fluoroscopic	1
Reduction, open	6
Reduction, open with manipulation	1
Re-manipulation and resetting	1
Removal of wires	1
Osteomyelitis	
Debridement and curettage	1
Incision and drainage	7
Partial craniectomy	1
Sequestrectomy	2
Puncture wound	
Incision and drainage	1
Synovitis	
Marsupialization with incision and drainage	2
Xanthoma	
Curettage	1

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Operations of the Muscles, Tendons and Fascia

Ganglia, knee joint	
Excision	7
Ganglia, tendon, popliteal space	
Excision	2
Ganglion	
Excision	4
Hernia into cord	
Excision and repair	1
Hernia, diaphragmatic	
Herniorrhaphy	1
Phrenisectomy and repair	1

Operations of the Muscles, Tendons and Fascia—(Continued)

Hernia, inguinal	
Herniorrhaphy.....	233
Herniorrhaphy and exploration.....	1
Herniorrhaphy, oophorectomy and salpingectomy.....	1
Hernia, umbilical	
Herniorrhaphy.....	29
Hernia, ventral	
Herniorrhaphy.....	3
Omphalocele	
Anastomosis with excision.....	1
Excision.....	1
Reduction.....	1
Suturing.....	2

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Operations of the Eye and Ear

Anomaly of ear (not lop ear)	
Curettage.....	1
Excision.....	3
Plastic.....	2
Plastic with Vitallium cup.....	1
Lop ears	
Plastic.....	5

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*Operations of the Systemic Diseases, Hospital
Complications and Miscellaneous*

Actinomycosis	
Incision and drainage.....	1
Cystic hygroma	
Excision.....	1
Deferred	
Exploratory laparotomy and appendectomy.....	1
Disease undiagnosed	
Proctoscopy.....	1
Evisceration	
Suturing.....	1
Granuloma	
Incision and drainage.....	1
Resection.....	1
Ingrowing toenail	
Partial excision.....	1
Leukemia, lymphatic	
Biopsy.....	1
No disease	
Proctoscopy.....	1
Purpura	
Splenectomy.....	3

Operations of the Systemic Diseases, Hospital
Complications and Miscellaneous—(Continued)

Hypoglycemia		
Pancreatectomy	1	
Smith-Howard syndrome		
Esophagoscopy with sodium morrhuate injection	1	
Ligation	1	
Splenomegaly		
Splenectomy	1	
	<hr/>	17
Total number of operations		1,559
Total number of anesthetics on Surgical Ward	1,129	
Total number of anesthetics on Private Ward	399	
	<hr/>	
Total		1,528

REPORT OF THE EAR, NOSE AND THROAT DEPARTMENT

THE year 1942 proved to be a busy one for the Ear, Nose and Throat Department, despite the fact that the total number of admissions was somewhat less than in previous years. During 1942, 707 patients were admitted to the regular Ear, Nose and Throat Ward, and 274 additional patients were admitted to the tonsil and adenoid ward for an overnight stay. The admissions to the Ear, Nose and Throat Ward for 1941 totalled 879 cases and those to the tonsil and adenoid ward numbered 487. The loss of our full-time resident, plus the reduction of the period of service of each interne from two months to one month during a portion of the year, necessitated some curtailment of the tonsil and adenoid cases. This shortened period of interne training meant teaching operative technique to a new man every month, with the result that the time of each individual operation was increased and the total number of patients, therefore, necessarily decreased. Fortunately, however, we are now back on the regular two-month schedule, which allows each house officer a more adequate period in which to become more proficient in his handling of ear, nose and throat instruments, and which also permits him greater responsibility in the management of his cases.

Dr. Charles A. Tucker, who was appointed Resident Otolaryngologist from July 1, 1941 to July 1, 1942, had originally planned to stay for the duration. However, he was offered a full-time position at a nearby clinic, and on August 26th left to assume this new responsibility. For the following three months, Dr. Richard B. Stark, who had just completed his surgical service, offered considerable assistance as acting Resident, until November 15th. From November 15th until the end of the year we were without even an acting Resident, but managed to carry on the work as well as possible. At that time, our entire personnel consisted of one intern and the head of the Department. We hope that during the coming year, we will be fortunate in securing a full-time Resident, who may remain with us longer than a few months.

The accelerated curriculum of the Harvard Medical School now requires teaching throughout the summer months, when the tonsil and adenoid season is at its height. The same program of teaching has been carried out this year, with two organized amphitheater lectures and two informal ward round discussions with each new group of students. Especial emphasis is placed upon ear, nose and throat problems associated with general pediatric work. The courses in ear, nose and throat diseases given to the students of The Schools of Nursing of The Children's Hospital and the Peter Bent Brigham Hospital continue along the same lines as during previous years.

We are very pleased to be able to report a substantial reduction in mortality among cases of severe acute laryngotracheobronchitis, formerly a very frequently fatal disease. We have found that maintenance of the atmosphere of the room at one hundred per cent saturation, plus concentrated therapy with sulfadiazine, has resulted in fewer indications for tracheotomies, and a greater percentage of recoveries.

The newer technique of mastoid surgery, utilizing the sulfonamide therapy described last year, has proved its merit beyond all doubt. We have adopted

this technique as routine, and have managed to shorten the hospital stay of the average mastoid patient by about fifty per cent.

Since the acquisition of the new audiometer, it has been possible to perform a more accurate study of cases of childhood deafness and to carry out more adequate treatment. During the past year, 13 cases of deafness were admitted to the hospital and treated, with considerable improvement in many of them. During the preceding year, only three such cases were admitted. This increase in interest shown the deaf child cannot help but reduce the number of severely handicapped individuals of later life. Every effort must be made to recognize early hearing defects, and must be followed by an adequate study of each individual case before proper treatment can be undertaken. Only then, will such unfortunate irreversible reactions be prevented, and the necessity for hearing aids in late life be appreciably diminished.

CHARLES F. FERGUSON, M.D.

THROAT OPERATING ROOM REPORT

Operations of the Nose and Accessory Sinuses

Antrum puncture with irrigation	4
Antrum puncture with irrigation and adenoidectomy	5
Antrum puncture with irrigation; tonsillectomy and adenoidectomy	3
Antrum puncture with lipiodol injection	5
Antrum puncture with lipiodol injection; bronchoscopy with lipiodol injection	4
Dilatation of choanae	1
Ethmoidectomy	2
Excision of sinus with lipiodol injection	1
Exploration of choanal atresia with removal of obstruction	1
Incision and drainage of hematoma of septum	1
Injection of turbinates with sodium morrhuate	1
Intranasal antrotomy	2
Intranasal antrotomy; bronchoscopy with lipiodol injection	1
Lipiodol injection of antra	1
Plastic	1
Plastic to choanae with adenoidectomy	1
Radical antrotomy	1
Reduction of fractured nose	2
Removal of foreign body from nose	1
Sphenoidectomy and ethmoidectomy	2
Submucous resection	5

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Operations of the Pharynx and Nasopharynx

Adenoidectomy	25
Adenoidectomy (Ward VII)	26
Adenoidectomy and circumcision	1

Operations on Pharynx and Nasopharynx—(Continued)

Incision and drainage of peritonsillar abscess.	3
Incision and drainage of pharyngeal abscess (lateral).	2
Incision and drainage of retropharyngeal abscess.	4
Ligation and tamponage, post-operative tonsillectomy and adenoidectomy.	3
Nasopharyngoscopy and adenoidectomy.	3
Nasopharyngoscopy and biopsy.	1
Nasopharyngoscopy and bronchoscopy.	1
Tonsillectomy.	1
Tonsillectomy and adenoidectomy.	66
Tonsillectomy and adenoidectomy (Ward VII).	248
Tonsillectomy and adenoidectomy and circumcision.	1
Tonsillectomy and adenoidectomy and esophageal dilatation	1

386

Operations of the Ear

Aural polypectomy with adenoidectomy.	1
Excision and plastic (post-aural fistula).	1
Excision of granuloma.	1
Excision of pre-auricular sinus.	1
Incision and drainage of post-aural abscess.	1
Mastoidectomy, simple.	39
Mastoidectomy with aural polypectomy.	1
Mastoidectomy with exploration of facial nerve.	1
Mastoidectomy, simple, and adenoidectomy.	52
Mastoidectomy, radical.	4
Revision of mastoid.	6
Revision of mastoid and adenoidectomy.	1
Secondary closure of mastoid.	2

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Operations of the Larynx and Trachea

Change of tracheotomy tube.	4
Change of tracheotomy tube.	4
Laryngeal dilatation.	10
Laryngoscopy.	24
Laryngoscopy with adenoidectomy.	1
Laryngoscopy with bronchoscopy.	1
Laryngoscopy with bronchoscopy and lipiodol injection.	1
Laryngoscopy with excision of cyst of neck.	1
Laryngoscopy with excision of papilloma.	7
Laryngoscopy with excision of redundant folds.	4
Laryngoscopy with lipiodol injection.	1
Laryngoscopy with removal of necrotic tissue.	2
Laryngoscopy with removal of foreign body.	1
Laryngoscopy with tonsillectomy and adenoidectomy	1
Laryngoscopy with tracheotomy.	1
Tracheotomy.	9
Tracheotomy with incision and drainage of retropharyngeal abscess.	1

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Operations of the Esophagus and Bronchus

Bronchoscopy.....	6	
Bronchoscopy with lipiodol injection.....	41	
Bronchoscopy with removal of foreign body.....	3	
Bronchoscopy with thoractomy.....	1	
Dilatation of esophagus.....	24	
Esophagoscopy.....	1	
Esophagoscopy with injection of varices.....	1	
Esophagoscopy with removal of foreign body.....	8	
	<hr/>	85

Operations, Miscellaneous

Incision and drainage of cervical abscess.....	1	
Excision of tumor of tongue.....	1	
Subdural tap with sinus irrigation.....	1	
	<hr/>	3
Total number of operations.....		700

THROAT DISEASES TREATED IN THE WARDS

<i>Diseases of the Nose and Accessory Sinuses</i>	<i>New</i>	<i>Old</i>
Atresia of choanae.....	3	
Deflection of nasal septum.....	5	
Deformity of nose.....	1	
Ectodermal inclusion of nasopharynx.....	1	
Epistaxis.....	4	1
Ethmoiditis.....	1	
Foreign body in nose.....	2	
Fracture, nose.....	1	
Hematoma, nose.....	1	
Mucocele, maxillary sinus.....	1	
Obstruction of nose.....	1	
Polyp, nasal.....	1	
Rhinitis.....	3	5
Sinusitis.....	29	4
	<hr/>	<hr/>
	54	10

Diseases of the Pharynx and Nasopharynx

Hypertrophy of adenoids.....	66	
Hypertrophy of lingual tonsil.....	1	
Hypertrophy of tonsils and adenoids.....	768	7
Pharyngitis.....	10	1
Post-operative tonsil and adenoid hemorrhage.....	10	1
Obstruction of nasopharynx.....	1	
Tonsillitis.....	9	1
Traumatic ulceration of nasopharynx.....		1
	<hr/>	<hr/>
	865	11

Diseases of the Ear

Branchiogenetic sinus of ear.	1	
Deafness.	13	
Foreign body in external auditory canal.	1	
Granuloma, auditory canal.	1	
Lop ear, congenital.	1	
Mastoiditis.	94	7
Otitis media.	144	10
Polyp, aural.	1	
Sinus, mastoid.	1	
Sinus, preauricular.	1	
	<hr/>	<hr/>
	258	17

Diseases of the Larynx and Trachea

Anomaly of aryteno-epiglottic folds.	3	
Anomaly of larynx.	1	
Edema of glottis.	1	2
Fistula, tracheo-esophageal.	1	
Foreign body in larynx.	2	
Laryngismus stridulus.	1	
Laryngitis.	14	1
Laryngomalacia.	1	
Laryngo-tracheitis.	4	
Laryngo-tracheo-bronchitis.	2	
Papilloma of larynx.	4	4
Paralysis of larynx.	2	
Stenosis, tracheal.		1
Stridor, laryngeal, congenital.	3	1
Tracheitis.	7	1
	<hr/>	<hr/>
	46	10

Diseases of the Esophagus and Bronchus

Atelectasis.	5	1
Bronchiectasis.	9	3
Bronchitis.	15	1
Congenital malformation of bronchus.	1	2
Emphysema.	2	
Empyema.	1	
Fistula, broncho-cutaneous.	1	
Fistula, broncho-pleural.	1	
Foreign body in bronchus.	6	
Foreign body in esophagus.	8	1
Pleural effusion.	1	
Pneumothorax.	1	
Stricture of esophagus.		18
	<hr/>	<hr/>
	51	26

Diseases, Miscellaneous

Abscesses	3	1
Amblyopia	1	
Anomaly of brain	1	
Anomaly of colon	1	
Anomaly of iris	1	
Anomaly of sacrum	1	
Aplasia of arm		1
Bacteremia		1
Cellulitis	4	
Cerebral anoxemia	1	
Cleft palate	1	
Common cold	4	1
Congenital heart disease	4	
Cough, unknown etiology	1	
Deficiency, mental	4	
Delayed speech	1	
Dental caries	6	
Diabetes mellitus	1	
Dilatation of colon	1	
Eczema	1	
Encephalopathy	3	
Epidermophytosis	1	
Eventration of diaphragm	1	
Feeding problem	1	
Foreign body in wrist	1	
Giantism		1
Hemophilia	1	
Hepatomegaly	1	
Hernia, inguinal	1	
Herniation of lung into neck	1	
Hoarseness	1	
Hydrocephalus	1	
Impetigo	1	
Keratitis	1	
Lacerations	2	
Lymphadenitis	5	1
Measles	4	
Meningitis	2	1
Nephritis	1	
No disease	3	
Nutritional disturbance	1	
Nystagmus	1	
Osteomyelitis, frontal bone	1	
Paralysis, facial		1
Pediculosis capitis	1	
Phimosis	4	
Pneumonia	11	1
Poliomyelitis, anterior, acute	1	
Poliomyelitis, old		1

Diseases, Miscellaneous—(Continued)

Rheumatic fever with heart disease.	1	
Rheumatic heart disease.	7	
Scarlet fever.	1	
Smith-Howard Syndrome.		1
Still's disease.	1	
Stomatitis.	1	
Strabismus.	4	
Tuberculosis.	2	
	<hr/>	
	106	12
Number of cases in Throat Ward.	707	
Number of cases in Private Ward.	783	
	<hr/>	
Total.		1,490
New cases.	1,380	
Secondary diagnosis.	86	
	<hr/>	
Total.		1,466

THROAT OUT-PATIENT DEPARTMENT REPORT

Diseases of the Nose and Accessory Sinuses

Abrasions, nose.	4	
Contusion, nose.	17	
Deflexion of nasal septum.	16	
Epistaxis.	20	
Ethmoiditis.	1	
Foreign body, nose.	8	
Fracture, nose.	3	
Obstruction, nasal.	1	
Rhinitis.	16	
Sinusitis.	30	
Spur, nasal.	2	
Stenosis of nose.	1	
	<hr/>	119

Diseases of the Pharynx and Nasopharynx

Adenoids, hypertrophied.	30	
Nasopharyngitis.	4	
Pharyngitis.	11	
Foreign body, pharynx.	4	
Tonsillitis.	10	
Tonsils, hypertrophied.	43	
Tonsils and adenoids, hypertrophied.	215	
Bifid uvula.	1	
Dysphagia.	1	
Erosion of septal mucosa.	1	
Hyperplasia of lymphoid tissue.	1	
	<hr/>	321

Diseases of the Ear

Abscess, pre-auricular	1	
Abscess, post-auricular	8	
Adenitis, pre-auricular	2	
Adenitis, post-auricular	3	
Cerumen	21	
Ecchymosis	2	
Deafness	19	
Foreign body of auditory canal	6	
Mastoiditis	25	
Otalgia	1	
Myringitis	1	
Otitis media	363	
Otitis externa	16	
Otitis circumscripta	1	
Perichondritis	1	
Congenital sinus	1	
		<hr/> 471

Diseases of Larynx and Trachea

Laryngitis	3	
Anomaly of larynx	1	
Stridor, laryngeal	8	
		<hr/> 12

Diseases of Bronchus

Bronchiectasis	1	
Foreign body in bronchus	2	
		<hr/> 3

Miscellaneous Diseases

Abdominal pain	1
Adenitis, cervical	21
Adenitis, submandibular	1
Asthma	1
Carious teeth	2
Conjunctivitis	1
Cyst, sebaceous	1
Dermatitis	1
Ecchymosis, nose, eye	1
Facial paralysis	1
Foreign body, G. I. tract	1
Foreign body, stomach	2
Gastro-enteritis	1
Hematoma of scalp	1
Hoarseness	4
Hyperthyroidism	1
Mongolism	1
Omphalitis	1
Pediculosis	1
Pertussis	1
Phimosis	1

Miscellaneous—(Continued)

Pityriasis Rosea	1	
Rheumatism	1	
Scabies	1	
Stricture of Stenson's duct	1	
Thrush	2	
Tuberculosis	1	
Upper respiratory infection	72	
	<hr/>	125
Deferred	18	
No disease	28	
Not seen	8	
	<hr/>	54
New cases	344	
Old cases	2,223	
Transfers	569	
	<hr/>	3,136

PRIVATE WARD THROAT OPERATING ROOM REPORT

Adenoidectomy	46
Adenoidectomy with antrum irrigation	2
Adenoidectomy with excision nasal polyps	1
Adenoidectomy with laryngoscopy	1
Adenoidectomy with paracentesis	2
Antrum puncture with irrigation	2
Bronchoscopy	6
Bronchoscopy with esophagoscopy	1
Bronchoscopy with irrigation	2
Bronchoscopy with removal of foreign body	1
Cauterization with inferior turbinates with tonsillectomy and adenoidectomy	1
Cauterization of nose with endothermy	2
Esophagoscopy	1
Incision and drainage, osteo of frontal skull	1
Incision and drainage of parotid gland	1
Incision and drainage of post-aural abscess	1
Laryngoscopy	3
Laryngoscopy and esophagoscopy	1
Ligation and packing tonsillectomy and adenoidectomy bleeder	3
Mastoidectomy	11
Mastoidectomy and adenoidectomy	2
Removal of foreign body in bronchus	1
Removal of foreign body in esophagus	1
Removal of foreign body in nose	2
Removal of papilloma of larynx	1
Removal of lymphoid tissue	3
Removal of nasopharyngeal rest	1

Removal of post-nasal sponge.....	1
Removal of tonsillar tab.....	1
Recession of eye.....	3
Reduction of fractured nose.....	1
Relief of atresia of choana.....	1
Revision of mastoid.....	1
Submucous resection.....	1
Tenotomy and advancement of eye.....	1
Tonsillectomy.....	5
Tonsillectomy and adenoidectomy.....	674
Tonsillectomy and adenoidectomy and circumcision.....	1
Tonsillectomy and adenoidectomy, secondary.....	15
Tracheotomy.....	5
<hr/>	
Total number of operations.....	810

REPORT OF THE ORTHODONTIA DEPARTMENT

IN November 1941, the Honorable Huntley Spaulding, former Governor of New Hampshire, presented the clinic with a check in the amount of \$1000.

This amount of money with the combined generosity of the Hospital Management, the various construction units of the hospital, the fortunate purchase of several items of dental equipment has resulted in further growth and expansion of the Orthodontia and Dental Departments.

Two rooms have been added to the unit, so that we now have four rooms. One room has been sound proofed for the speech recording and speech training of the cleft palate children, this training being supervised by Miss Esther Segal. The other room has been equipped with various dental units specially arranged to care for the in-patients of the hospital. A large surgical instrument cabinet for this room was presented by Dr. Harry Shuman.

The Dental Department of the hospital now is compact, modern and efficient.

In addition, due to the generosity previously mentioned, the department finds itself possessed of a permanent fund in the amount of \$600. This fund will be known as the Governor Huntley Spaulding Fund. However, it is hoped this amount is to be the nucleus of a much larger amount.

Number of active cases.....	48
Number of treatments.....	649
Number of broken appointments.....	215
New cases accepted.....	18

In addition between 25 and 30 children are under observation for treatment at a later date.

Speech Training Under Direction of Miss Segal

Total number of cases.....	33
New cases.....	13
Number of treatments.....	464

The Orthodontia Clinic is open Wednesday mornings. Dr. Pierce reports to the clinic twice a month on Thursday afternoons. The speech clinic is open all day Wednesday and Saturday mornings.

The clinic is staffed with four orthodontists, one dentist and two volunteer assistants and one speech correctionist.

HARRY W. PERKINS, M.D.

REPORT OF THE DEPARTMENT OF STOMATOLOGY

THE work of this Department has continued during the past year in spite of the loss of the dental house officer who left to join the Army Dental Corps after only two months of service. This has been made possible by the untiring efforts of Dr. Paul Losch who has assumed responsibility for the clinical duties to which in normal times the house officer devotes most of his time. In addition, Dr. Losch has attended the Metabolic Clinic and carried out examinations of the mouths of 23 diabetic children through the courtesy of Dr. Clement Smith. Dr. Charles Campelia assisted in the clinical work and also made examination of the mouths of a number of children with heart disease, through the courtesy of Dr. H. Green.

The continued study of specimens of the teeth and jaws carried on in conjunction with the Department of Pathology has been greatly assisted by Dr. Charles Campelia who has continued as a voluntary assistant after completing his internship, and by Dr. Herman DeWilde who also served as a voluntary assistant. Dr. Campelia has completed a report on a carcinoma which was primary in the mandible and caused premature eruption of certain teeth. Dr. DeWilde has written a paper on the deciduous dentition in congenital syphilis.

Statistical Report

Consultations, Out-patient Department. . . .	43
Consultations, House.	58
Cases for clinical study.	11
Restorations, metal and synthetic porcelain.	55
Dental treatments.	83
Stomatitis treatments.	4
Extractions, secondary teeth.	46
Extractions, primary teeth.	77
Extractions, general anesthesia.	16
Prophylactic cleanings.	14
Dental x-ray films.	150
Corrective appliances.	5
Prosthetic appliances.	4
Follow-up examinations.	14

PAUL E. BOYLE, D.M.D.

REPORT OF THE ROENTGENOLOGICAL DEPARTMENT

DURING the past year the Department of Roentgenology has handled, as in every previous year, an increased volume of routine work. Fortunately, this year the increase has not proved as large as in preceding years since equipment limitations and personnel shortages and changes have seriously handicapped the department. To obviate the limitations of equipment the Board of Managers has provided for the purchase of a 200 milliampere rotating anode X-ray machine. We have been able to convince the War Production Board of the pressing need for modernization of one of the old obsolescent diagnostic rooms. This will relieve the burden placed by the increasing load of routine work on our one high speed modern diagnostic unit. It is hoped that modernization will be completed in the near future.

The great expansion of the department this year has occurred in the teaching activities. A certain number of pharmacist's mates of the United States Navy

have received short courses in the technique of roentgenography of infants and children. The X-ray Department of The Children's Hospital is now available to fourth year students of the Harvard Medical School for a one month elective course. During the school year one or two of these students have been present each month. In addition to these students, courses have been given for the residents in Radiology of other hospitals which were unable to provide pediatric teaching material.

The department is endeavoring to maintain adequate service for the hospital. In a few instances this has not been possible. For example, we have been forced to discontinue angiocardiography or the X-ray visualization of the great vessels and chambers of the heart. This is one of the most important recent advances in the study of heart disease in children, but we have not been able to procure the complex iodine compound necessary for this type of examination. We sincerely hope that we will be able to continue our work without further curtailment forced upon us by shortage of material.

EDWARD B. D. NEUHAUSER, M.D.,
Roentgenologist

TABULATION OF PATIENTS
Out-Patient Department

	1941	1942
Medical.....	2,110	2,145
Surgical.....	1,307	1,424
Orthopedic.....	2,061	2,240
Throat.....	172	86
<i>Total.....</i>	<i>5,650</i>	<i>5,918</i>

Ward

Medical.....	768	807
Surgical.....	1,078	1,231
Orthopedic.....	983	737
Throat.....	267	265
<i>Total.....</i>	<i>3,091</i>	<i>3,050</i>

Infants.....	800	940
Private.....	1,425	1,589
Bader Building.....	249	289
Isolation.....	76	23
Miscellaneous.....	50	65
Doctors.....	64	59
Nurses.....	262	312
Employees.....	307	246
<i>Total.....</i>	<i>3,233</i>	<i>3,483</i>

Total patient visits.....	12,725	13,242
Total treatments.....	751	749
Total diagnostic visits.....	11,974	12,493
Total diagnostic examinations.....	14,407	15,729
Total diagnostic exposures (films).....	35,571	36,949

DEPARTMENT OF PHYSICAL THERAPY

THE number of cases reporting for out-patient treatment and the frequency of attendance were adversely affected by the general situation of difficult transportation and increased employment of parents. Daily morning clinics were continued, however. It was felt that under the circumstances, the attendance of patients during the important early stages of treatment following surgery or injuries, was extremely good.

On the wards, the relatively small number of recent cases of poliomyelitis was reflected in the smaller number of pool treatments given. The routine application of hot fomentations by the nursing service also delayed the use of under water exercises in the Hubbard tub. Muscle re-education in these early cases was carried out on the wards, and one of the separate rooms on the Orthopedic ward was equipped with an exercise table to lessen the necessity for transportation of the patients to Bader Building. It is interesting that polio cases constituted only a little more than twenty-five per cent of the orthopedic ward patients referred for physical therapy. Congenital deformities and neurological lesions other than poliomyelitis, and conditions such as spina bifida and meningoceles made up the largest groups of patients with other conditions, on all the services. An unusual number of examinations of muscle function were made on these patients.

The program of training physical therapy students continued. Twenty completed the regular nine months course during the year. Four of these were sent on scholarships by the National Organization for Public Health Nursing. Two groups of students (23 in all) were given a six months Emergency Course which enabled them to enter army hospitals, to complete their training while serving as apprentice Physiotherapy Aides. The usual short summer course was omitted.

An exhibit of photographs demonstrating incorrect use of the body by students working in the Physical Therapy Department, and other photographs showing improved use of the body with consequent lessened strain and fatigue, was prepared by Miss Fredrickson. It was shown at the annual convention of the American Physiotherapy Association in Wisconsin and took first prize. Another exhibit of photographs of stairclimbing by badly paralyzed individuals was prepared in the H.I.P.C. and shown at the same convention in connection with a talk by Miss Staats of the Clinic Staff. Miss Merrill was also on the program in connection with the Polio conference, and took part in the meetings of the Executive Committee of the Association, and of the Committee requested by the American Medical Association for discussion of the curriculum for Physical Therapy students.

A demonstration of the work of the department was held during the annual meeting of the New England section of the American Physio Therapy Association. Visitors were present from all the states and included some former graduates of the courses here. Other visitors included a group from the department of Hygiene at Wellesley College.

JANET B. MERRILL,
Technical Director

DEPARTMENT OF PHYSICAL THERAPY STATISTICS

<i>Hospital Wards</i>	<i>General</i>			<i>General</i>			<i>Total</i>
	<i>P.T. Cases</i>	<i>Light Therapy Cases</i>	<i>Pool Cases</i>	<i>P.T. Treatments</i>	<i>Light Treatments</i>	<i>Pool Treatments</i>	
Orthopedic.	152	1	31	2,733	13	924	3,670
Surgical.	15	2	0	294	34	0	328
Neuro-Surgical.	30	1	0	122	6	0	128
Medical.	11	0	1	182	0	33	215
Neurological.	6	2	0	7	48	0	55
Private.	7	1	0	30	18	0	48
Infants' Hospital.	1	0	0	32	0	0	32
Staff.	4	3	0	15	19	0	34
Isolation.	1	0	0	1	0	0	1
Throat.	1	0	0	1	0	0	1
Training School.	6	2	0	26	20	0	46
Employee.	10	2	0	136	27	0	163
	<hr/> 244	<hr/> 14	<hr/> 32	<hr/> 3,579	<hr/> 185	<hr/> 957	<hr/> 4,721

O. P. D. Pool

H. I. P. C.	17	486
Private.	4	36
	<hr/> 21	<hr/> 522

O. P. D.

Orthopedic.	147	1,968
Arthritis.	1	1
Surgical.	15	85
Neuro-Surgical.	5	26
Medical.	2	6
Scoliosis.	237	1,772
H. I. P. C.	834	5,423
Neurological.	177	2,971
Private.	4	12
Miscellaneous.	1	3
	<hr/> 1,423	<hr/> 12,267

REPORT OF THE MUSCLE TRAINING CLINIC

FOR the year ended December 31, 1942, thirty-nine new patients were admitted to the Muscle Training Clinic for treatment. They were diagnosed as follows:

Cerebral Palsy.	20
Brachial Palsy.	8
Facial Palsy.	4
Hydrocephalus.	1
Multiple Congenital Deformities.	1

Chorea.....	1
Miscellaneous.....	4
	—
	39

Three old patients were transferred to other hospitals because of overage. A total of 2,971 treatments were given to patients previously admitted.

RANDOLPH K. BYERS, M.D.

HARVARD INFANTILE PARALYSIS COMMISSION

TWENTY-SIX years of progressive service in the treatment of Poliomyelitis is the enviable record of the Harvard Infantile Paralysis Commission. Despite the fact that new cases reported in the State were only twenty per cent of the number reported in 1941, there was no appreciable slowing of the tempo either in the Central Clinic or in the Field.

At the Children's Hospital in Boston, the After Care Clinic of the Commission continues to examine and treat patients each Tuesday, Thursday and Friday morning. During 1942 more than five thousand treatments were given. Field clinics held according to a regular schedule in Beverly, Dedham, Haverhill, Lawrence, Lowell, Malden, Quincy, Somerville and Waltham supplement the work of the Central Clinic and make possible physiotherapy for patients living in communities inaccessible to the Central Clinic. In these units more than four thousand treatments were given.

The Orthopedic Nurses of the Community Health Association, working under orders from the Clinic Surgeon, gave more than two thousand treatments to Clinic patients resident in greater Boston. These nurses go into the homes in many instances and materially aid in the continuity of treatment. At regular intervals they visit the Central Clinic with their patients for consultation with the Director. Their weekly reports of treatments and pertinent comments are most helpful.

Functional Training continues to play an important role in the After Care program. It is two years now since the completion of the Arthur T. Legg Memorial Room and the comprehensive schedule of Functional Training got under way. The results of this individual training suggest that it must receive greater emphasis in the treatment of the disease.

The results of the treatment given the thirty-five new cases are most gratifying. There is little or no evidence of deformity and comparatively little apparatus is needed.

During the past year many problems have been studied at the Clinic. Dr. Norman Nelson, who was attached to the Clinic in a research capacity and associated with us in many of these studies, finished his work with us in June and is now the Director of Preventive Medicine, Department of Health of the City

of Los Angeles in California. The work which he completed was compiled as a thesis for which he received the degree of Doctor of Public Health, magna cum laude. Other research activities have gone on a pace including a continuation of a comprehensive study of growth in its relationship to Infantile Paralysis. The National Foundation for Infantile Paralysis has continued its support of this study.

Dr. Charles Sturdevant remains as assistant to the Director.

The Clinic, as in previous years, is used as a teaching unit for House Officers, graduate and undergraduate medical students, physical therapy students and student nurses. Our graduate physiotherapists are in great demand from all sections of the country. As always the demand is greater than the supply.

We are ever conscious of the co-operation and support of those communities in which the Field Clinics are held and grateful to the Red Cross and volunteer drivers who make hospital visits possible; to Noemi No. 11 U.O.T.S. for their generous support of our work. To the personnel of the Children's Hospital we extend our appreciation which places at our disposal the facilities of the hospital.

WILLIAM T. GREEN, M.D.,
Director of Clinics

February, 1943

HARVARD INFANTILE PARALYSIS COMMISSION

1942

Number of regular Clinics held at the Children's Hospital.....	153	
Number of Doctor Clinics held in outside cities.....	4	
<i>Total</i>		157
Number of visits made to the Children's Hospital Clinics.....	5,388	
Number of old cases seen at the Doctor Clinics in outside cities..	174	
Number of visits made in the field by Commission workers.....	3,878	
Number of new cases seen at the Children's Hospital Clinics....	35	
Number of new cases seen at Doctor Clinics in outside cities...	1	
<i>Total</i>		9,476
Number of visits, co-operative therapy, Community Health Association	2,158	
Average attendance at Hospital Clinics.....	35	
Pool Treatments.....	486	
Total number of individual cases seen at Children's Hospital.....	834	
Number of individual cases treated in the Pool.....	17	
Number of cases operated upon in the Children's Hospital.....	39	
HARVARD INFANTILE PARALYSIS COMMISSION		113

DEPARTMENT OF PHOTOGRAPHY REPORT

THE year 1942 was normal as far as the number of patients passing through the Department was concerned. Limitations of material due to the war was not felt to any great extent until toward the close of the year. Difficulty in procuring Kodachrome color material began in November, and in December it was difficult to procure any material due to a new W.P.B. order limiting the production of sensitized film. This matter was partly cleared up late in December by a conference between the photographer and the Eastman Kodak Company. Kodachrome and 16 mm. motion picture film will probably be impossible to procure by early 1943. So far, governmental rulings have applied only to film, and there is nothing on the horizon at present to indicate curtailment of other material.

The Department anticipates a greater demand for teaching material in 1943 due to the intensifying of medical teaching, and is prepared to cope with it. This trend is already apparent elsewhere and will undoubtedly be true here.

Changes have been made in methods of routing patients through the Department whenever it has become necessary, due to lack of orderlies, internes, attendants, etc. A very excellent spirit of co-operation exists between the nursing staff and this Department, which is a great help in scheduling appointments so that there will be as little delay as possible.

In September the photographer attended the convention of the Biological Photographic Association, held in New York. Prints were exhibited showing one of the special routine forms of medical photography developed in this Department some years ago. The Photographer was honored by being elected President of the Association. The Biological Photographic Association is international in scope and is made up of those individuals doing photography in hospitals, medical schools and universities.

FERDINAND R. HARDING

DEPARTMENT OF PHOTOGRAPHY STATISTICS

1942

	<i>Cases</i>	<i>Views</i>
Orthopedic.....	423	1,035
Surgical.....	441	1,184
Medical.....	60	141
Infants' Hospital.....	41	94
Pathology—Infants' Hospital.....	76	141
Pathology—Children's Hospital.....	265	562
Scoliosis Clinic.....	186	735
Harvard Infantile Paralysis Commission.....	158	481
Private Ward.....	55	139
Ward 9.....	14	42
Ward 6.....	4	8
Dental Clinic.....	2	6
Administration.....	2	4
School of Nursing.....	1	2
<i>Total.....</i>	<i>1,728</i>	<i>4,574</i>

Miscellaneous Negatives.	1,074
Miscellaneous Prints.	1,722
Lantern Slides.	513
Color Slides.	53
Motion Pictures.	22
Photostats—School of Nursing.	186
Photostats—Administration.	2,431
Charge Slips.	\$1,161.75
Total Negatives.	5,648
Total Prints.	6,296

OCCUPATIONAL THERAPY REPORT

IN May of this year, the former Director Miss Jessie Ness resigned to take a new position at which time the present Director took up her duties. As this work presents a strikingly different set-up for the new worker, a great many adjustments have had to be made.

It is probably known that the nature of the work done by this department has been for the most part diversional. Of course work of this type has definite therapeutic value, but I feel that this should not be our main feature.

It is my sincere hope that this department may be put on a more scientific level, with more definite medical supervision and more directed treatment. We receive students into this department from the Boston School of Occupational Therapy who have had intensive instruction in Anatomy, Physiology, as well as Kinesiology. With this background I feel that when we receive them they are fitted for helping to contribute to a more integrated program of treatment for the patients.

The number of volunteer hours has dropped considerably as compared to last year, due to the many demands on one's time. Also there are those who are seeking work that is more directly connected with the war effort. As a result there has been a new low as to the number of workers in this department, making nine the maximum at the close of the year. This number has been found to work out very well.

The total number of Library books on the shelves as of December, 1942 was 1,587. The total distribution for the year was 2,295. The number of books lost was 36.

In the course of this year 2,487 children had some contact from this department, whether it was crafts, story-telling, games or puzzles. This number does not constitute specific treatment. The wards which we visit are: I Upper, I Lower, II, IV, V Upper, V Lower, and VI.

The lectures to the Affiliate Nurses numbered ten, being one hour each. There were four groups of Children's Hospital Nurses in their second year of training who received twelve hours of Occupational Therapy.

The Out-Patient Clinic Activities are under the direction of Mrs. Alexander Wheeler, Chairman. This appointment was made by the Welfare Committee. A separate report for this has been made.

There is deep appreciation felt for the manner in which the Welfare Committee of this hospital assists the Occupational Therapy Department in its endeavors. Mrs. H. Parker Whittington, Chairman of the Department committee is indeed very attentive.

LOIS BROWNELL, O.T.R.,
Director of Occupational Therapy

REPORT OF THE SOCIAL SERVICE DEPARTMENT

THE war which gradually but relentlessly has so profoundly influenced all phases of civilian life during 1942, did not spare the Social Service Department nor the patients with whom we work. Many old problems continue, but new ones have sprung up and old and new mingle to form strange and confusing patterns. Although many of those families now supported by defense work are better than they have been for years, financial difficulties still exist. Higher costs of living have actually reduced the prewar incomes of some, while those with fathers in the armed forces often have trouble in making both ends meet. Shortages of fuel oil, gasoline, and certain kinds of food have created new problems connected with heat, transportation, and special diets. Children are easy victims of emotional strain, disrupted homes, and poor physical conditions. While these conditions always exist, war has produced new causes for them. The departure of fathers into the armed forces necessarily deprives children of a needed parental influence, but when in addition the mother reacts by feelings of fear, resentment and insecurity, the child may be badly and unfortunately affected. Crowded living conditions in defense and military areas are creating unstable and unhealthy physical settings. The entrance of mothers into industry is causing emotional disturbance and problems in the proper home care and treatment of our patients. These difficulties and others are multiplying and intensifying as the year draws to a close. The end is not yet.

Like the Red Queen in "Alice Through the Looking Glass" we have had to run very fast indeed just to keep in the same place. Nevertheless, we have been able to take a few steps forward. We received about \$400 more than last year for the needs of patients, from special funds and interested individuals. Because of a grant from the Hayden Fund of \$1000 and from the Hood Fund of \$432, we were able to increase our camp program. We sent to camp 139 children at a total cost of \$1,727.17. Some of these children went for long periods of time and in many cases, the family contributed something towards the total expense. A number of new camps were tried and visited, and a more aggressive part taken in interesting certain ones in the particular problems of some of our physically handicapped children.

A concert was given in the Welfare Library just before Christmas by a little girl with chronic osteomyelitis. A special gift had made it possible to provide music lessons at the Boston Music Settlement, thereby developing not only a latent talent, but greatly improving the child's adjustment to life and her physical limitations.

At the request of Dr. Clement Smith, all the patients, both old and new in the Diabetic Clinic, have had a social review in an attempt to see what social and emotional problems are interrelated to diabetes.

As usual we have taken cases from all the Services, largely as referrals

from the doctors. The total number of children given some kind of social service during the year was 2,149.

Two former members of the staff have departed, Miss Emily Marsh in April to join the Red Cross at the Lovell General Hospital at Camp Devens, and Miss Elizabeth Peirce in December to become Director of Social Service at the Maine General Hospital in Portland. With a countrywide shortage of social workers, we were lucky to fill these vacancies after a short interval, Miss Kathleen Scott, a recent graduate of the Simmons College School of Social Work, and Miss Emma Lou Mason, from the School of Applied Social Sciences, Western Reserve University, Cleveland, Ohio becoming members of our staff.

Four students, three from the Simmons College School of Social Work and one from Boston University, have received their field work training under Miss Manon McGinnis and Miss Eunice Usher.

In September Miss Usher presented a paper on "the Medical Social Aspects of Convalescent Care for Children" at the Connecticut Conference of Social Work.

Realizing that essential services to children and especially to sick children must continue along with more direct contributions to the war effort, six volunteers have given generously of their time and energies to help with clerical routines, follow up visiting, transportation, and case work assistance.

A social service department cannot function in a hospital without being bulwarked on all sides by administration, nursing, and medical staffs and other personnel. In addition to these supports which have been strong and sustaining during 1942, the Advisory Committee under the chairmanship of Mrs. George Monks, has steered us through many trials and perplexities.

MARION W. HALL

ANNUAL REPORT OF THE SCHOOL OF NURSING

THE response to the insistence for the recruitment of student nurses throughout the country is reflected in the number of students in this School of Nursing. On the closing day of the year there are 130 students which is the largest number ever enrolled on that day in the history of the School, except for 1933 when we had 128 students here and five students in the five-year program who were completing their work at Simmons College. That joint program has since been discontinued.

Fifty-eight students were admitted during the year, and the school continues to attract young women from outside the Commonwealth. The total admission by states is as follows:

Massachusetts	27	New York	3
New Hampshire	8	New Jersey	2
Maine	4	Ohio	2
Vermont	2	Pennsylvania	2
Rhode Island	3	Wisconsin	2
Connecticut	3		

While we have increased the number of admissions, we have not lowered the quality of candidates. The educational preparation which these students have had is as follows:

College graduates.	3
2 years of college.	13
1 year of college.	7
High school graduation.	35

The students with one or more years of college represent 39.6 per cent of the admissions as against 34.9 per cent in 1941, a gain of 4.7 per cent. The scholastic and aptitude tests rate these candidates on the probability of success in nursing as:

Excellent.	6
Very good.	30
Reasonably good.	21

Students were removed from the roll for the following reasons:

- 1—scholastic work not satisfactory
- 5—did not wish to continue in nursing
- 1—to be married
- 2—ill health

The graduation exercises were held on Thursday, June 11, 1942 with Mr. Robert Cutler, National President, Community Chests and Councils, Incorporated, as the speaker. Thirty-four students were graduated. Of this group five are married and the others are employed, many of them here, but within a few weeks, now that the results of the State Board Examinations are published, many of these young women will find their places in the Army and Navy.

The unusual conditions have made many changes in the Staff. There has been almost a one hundred per cent change in head nurses. Of the changes among those who have faculty status, the following resignations took effect:

Miss Helen Riedel	Supervisor, Medical Service
Miss Harriet Russell	Supervisor, Infants' Hospital
Miss Elizabeth Romine	Instructor in Pediatric Nursing

The new appointments which have been made are:

Miss Ethel Trafton	Supervisor, Medical and Isolation Service
Miss Elizabeth Webster	Night Supervisor
Miss Mary G. Chapman	Supervisor, Infants' Hospital (formerly Night Supervisor)
Miss Edna J. Townsend	Instructor in Pediatric Nursing
Miss Theresa Hurley	Assistant Instructor in Nursing

Dorothy Pratt, Orthopedic Supervisor, who was on leave of absence during the first half of the year to take a post graduate course in Orthopedic Nursing, which included the Kenny treatment, returned on August third.

Affiliations were given to our students at the schools in the institutions noted:

Peter Bent Brigham Hospital.	36
Boston Lying-in Hospital.	39

McLean Hospital.	18
New England Deaconess Hospital.	38
Simmons College (Public Health Course).	16

The Children's Hospital School of Nursing has given a three months' affiliation in Pediatrics to students from the schools in the following institutions:

Peter Bent Brigham Hospital.	38
New England Deaconess Hospital.	36
New England Baptist Hospital.	25
The Faulkner Hospital.	16
Eastern Maine General Hospital.	24
Beverly Hospital.	13
Salem Hospital.	25
Truesdale Hospital.	17
Newton Hospital.	30
Melrose Hospital.	17
McLean Hospital.	10
Central Maine General Hospital.	4
Simmons College.	16
Beth Israel Hospital.	29

300

In order to help in the general problem of preparing young women for professional nursing this School entered into a co-operative arrangement with Simmons College, the Massachusetts General Hospital, and the Peter Bent Brigham Hospital School of Nursing, and the United States Public Health Service, and admitted a special class, of whom all had two or more years of college, in June. Twelve young women entered, of whom one left immediately, but we admitted another student a few days late. We now have eleven of these students. The School was given an allotment of \$6,775.48 from the Federal Funds on the basis of increasing our School over the number which we had in 1940. This included the salary of an assistant instructor.

Our health record as compared with the preceding year is as follows:

	<i>Children's Hospital Students</i>			<i>Affiliating Students</i>		
	<i>Daily Residence</i>	<i>Inf. Days</i>	<i>Av. Days of Illness</i>	<i>Daily Residence</i>	<i>Inf. Days</i>	<i>Av. Days of Illness</i>
1942.	77.8	896	11.5	80.2	687	8.5
1941.	73.	530	7.3	78.6	664.5	8.4

Off and on for the past fourteen years the New York Board of Regents has been petitioned to exempt us from the requirement made by them in 1926 that all students in this School have an affiliation for one month for adult operating room experience. Our last petition has borne fruit, and we shall no longer be required to have this affiliation which has been at the New England Deaconess Hospital.

The Isolation Unit opened on December first and will remain open for the entire year. The New York Board of Examiners of Nurses will give full credit for two to four weeks communicable disease experience for affiliating students, provided it is all with children, in a three months' course in Pediatrics. No decision has come from the Massachusetts Approving Authority.

The Board of Managers voted to appropriate five scholarships of \$65 each for applicants who present outstanding qualifications who need some financial assistance in order to enter this School. No one of these has been used this year as we secured three scholarships for the entire tuition from the Federal Funds administered by the United States Public Health Service.

For the period of the war the School of Nursing Committee voted that the policy of admitting married women or of allowing students to marry while still in the school be suspended, but that each case be decided on its merits, and that the usual procedure for the selection of students should be followed.

The School of Nursing Committee was in agreement with the policy of increasing the number of affiliating students, rather than any large increase in Children's Hospital students, and that the present educational standards in the School of Nursing be retained.

There have been a number of suggestions made relative to the adjustment of educational programs in schools of nursing in order to help with the service problem in hospitals. Various suggestions have been made for telescoping the program of instruction and certain experiences within a thirty month to a twenty-four month period, leaving the remainder of the three years for nursing service within the hospital or an affiliating hospital or military camp. We are trying to adjust our program to the thirty month plan, although we may not reach the six months' leeway. This School has certain handicaps, since it is required to have long affiliations and must work with other agencies. This involves completing certain parts of the program before the student is ready for such affiliations, and one has to await the ability of the co-operating agency to receive the students. The faculty, even previous to the recommendation of the national committee, made a thorough study of the curriculum to eliminate duplication of teaching, etc.

Members of our Faculty have continued to make their professional contribution to the general picture in nursing, and the Principal of the School was elected as Chairman of the National Nursing Council for War Service, which Council is made up of representatives of all professional nursing organizations, the American Red Cross Nursing Service, and the Federal Nursing Agencies.

Several recommendations have been made by the Hospital Council of Boston during the year regarding hours of nurses who return for general staff nursing. In line with this policy the graduates who are on permanent night duty have one night off every other week. This is not true of student nurses.

A large number of our graduates have returned for part-time service, and we are most grateful to them for their help.

The first class for Red Cross Aides at The Children's Hospital began on October 19, 1942. Twenty-two completed the course and are giving volunteer service to the Hospital. In the month of December they gave $814\frac{3}{4}$ hours of service. We are grateful to them and to their lieutenant, Mrs. John G. Flint.

Our nursing service problems are naturally very acute because of lack of auxiliary service, and in spite of the lack of doctors, we seem to be doing just as much work. In fact, figures for the Main Operating Room show that during 1942 the total operations were 1941 as against 1842 in 1940 and 1746 in 1941, and the number of transfusion, intravenous and other sets prepared in the operating room, which is a very time-consuming procedure, shows 3,200 more sets prepared than in 1940 and 995 more than in 1941. This again reflects what is happening on the wards. The Private Ward Operating Room shows an increase of 180

more operations over those for 1941. The Throat Operating Room shows a decrease of 347 operations due to fewer tonsillectomy clinics.

The volunteer service which is being given in the preparation of operating room supplies has aided us greatly, and we hereby express our appreciation to Mrs. Bartlett Harwood, Chairman of the Volunteer Service, and the women who have come so faithfully.

STELLA GOOSTRAY,
*Superintendent of Nurses,
 Principal, School of Nursing*

Children's Hospital students enrolled, January 1, 1942	113	
Admissions—Children's Hospital students.....	58	
	<hr/>	171
Completed course during year.....	33	
Removed from roll		
Preclinical students.....	5	
First year students.....	2	
Second year students.....	2	
	<hr/>	9
Temporarily off enrollment—to re-enter.....	1	
	<hr/>	43
Re-entered.....		2
		<hr/>
Children's Hospital students enrolled, December 31, 1942.....		130
Affiliating students completing course during year...		300
<i>Student Nurses December 31, 1942</i>		
Children's Hospital students.....		130
Affiliating students.....	78	
Special graduate student.....	1	
	<hr/>	79
Less—affiliating students on vacation.....	2	77
	<hr/>	<hr/>
		207
Children's Hospital students on affiliation, not in residence.....		32
Children's Hospital students on extended leave of absence.....		2
Children's Hospital students in residence but attending Simmons College		
Preclinical course.....	30	
Public health course.....	4	34
	<hr/>	<hr/>
		68
Total number of students assigned to wards and special departments		
Children's Hospital.....	113	
Infants' Hospital.....	26	
	<hr/>	139
		<hr/>
		207
 SCHOOL OF NURSING		 121

Graduate Staff, December 31, 1942

Superintendent of Nurses.....	1	
Assistants.....	3	
Instructors.....	3	
Night Supervisors.....	3	
Day Supervisors.....	4	
Head Nurses.....	14	
Assistant Head Nurses.....	1½	
General Staff Nurses.....	25	
Operating Rooms and Anesthesia.....	12	
Out-Patient Department.....	4½	
Infants' Hospital.....	6½	
		<hr/>
		77½
Vacancies, December 31, 1942.....		12
Resignations on hand.....		7

REPORT OF THE WELFARE COMMITTEE

I HAVE the honor to present a report of the Welfare Committee for the year 1942.

This year we accept with deep regret the resignation of Mrs. Frank H. Stewart who has for ten years served as Co-chairman of the Avery Lectures Committee. Her unfailing interest and tireless work, with her able committees, has proved of inestimable value to the Hospital. The proceeds of these lectures to date, \$43,100, have entirely supported the Occupational Therapy in the Hospital, and have supplied many other necessities.

The Department of Occupational Therapy carried on its work as usual through the year. Miss Jessie Ness, the former Director, resigned and in her place we have Miss Lois Brownell. Each month members of the Welfare Committee visited this department.

The Thrift Shop increased its earnings over 1941. The profits from the sale of goods left from the Yankee Trading Post was again helpful. However, the more we sell the more money we get for the Hospital. We need all the co-operation we can get.

The Girls Scouts continue their valuable support with delightful toys and scrapbooks for the children, and articles for use in the Occupational Therapy Department.

The receipts of the Children's Hospital Clubs were less this year as several of the clubs, upon whom we had depended, were too engrossed in war work. The Buzzards Bay Club did a magnificent job, and the Daffodil Club and Sewing Circle of 1919 were again loyal contributors. We regret extremely the resignation of Mrs. Robert C. Terry as chairman of this Committee.

With an increased number of voluntary knitters, there were so many garments on hand the Knitting Committee sent out no wool after June 1, but plan to continue after the first of the year.

In 1942, the Holiday Committee gave fourteen holiday parties. This year marks the tenth year that four churches and the Beacon Street Temple have given faithfully to this Committee. Two have given for nine years, and one has given towards a holiday party for twelve years.

Although there has been a decrease in membership in the past three years, the Birthday Club Committee has set a goal to increase the membership if possible to one thousand next year.

From January to May, the monthly teas for the nurses continued. In the Fall, with Mrs. Hallowell, our new Chairman, confronted with the ration restrictions, it was decided to give only the customary tea for the Junior Unit of the Business and Professional Women's and Republican Club of Massachusetts and concentrate our resources on an extra large Christmas party for the doctors and nurses, including also, all volunteer workers in the Hospital. This proved a most successful party.

The Pencil Committee has practically ceased to function. Mr. Meyer bought over one thousand boxes for use in the Hospital, one loyal school bought one hundred and fifty boxes, and to date only eight boxes remain.

The Volunteer War Service has grown continually since it was started a little over a year ago. It is now well organized with eight sub-committees under the Chairman, Mrs. Bartlett Harwood. The increasing number of Volunteers are all doing splendid work, and we hope are proving of increasing value to The Children's Hospital.

For the third time, the Yankee Trading Post proved successful though the proceeds were not as high as the years 1940 and 1941. Mrs. H. Parker Whittington's enthusiasm carried it through with a profit of \$2,760.27 which was voted again to the William E. Ladd Chair of Surgery.

Personally, I wish to thank the President and Board of Managers and the Director for the privilege given me to serve as Chairman. To the Welfare Committee, I wish to express my appreciation for their co-operation and support, and to Mrs. May and Miss Frost who have helped me so much.

JOSEPHINE D. RUSSELL,
Chairman

MEMBERS OF THE WELFARE COMMITTEE

January 1942 to January, 1943

Mrs. William E. Russell, *Chairman*

Mrs. Edwin F. Cave, *Vice Chairman*

Mrs. Carl H. Ernlund, *Vice Chairman*

Mrs. Thomas H. Lanman, *Recording Secretary*

Mrs. John G. Palfrey, *Corresponding Secretary*

Mrs. John E. Lawrence, *Treasurer*

Mrs. Gordon Abbott

Mrs. Gordon Abbott, Jr.

Mrs. Arthur W. Allen

Mrs. Henry F. Allen

*Mrs. William Benjamin Bacon

Mrs. Joel M. Barnes

Miss Betty A. Bartlett

Mrs. William DeFord Beal

Mrs. C. Stewart Black

Mrs. J. Lewis Bremer

Mrs. Theodore E. Brown

Mrs. C. Sidney Burwell

Mrs. F. Wadsworth Busk

Mrs. George A. Clapp

Miss Mary Elizabeth Clarke

Miss Louise Coburn

†Mrs. Eliot Codman

Mrs. Lawrence Coolidge

Mrs. Channing H. Cox

Mrs. William C. Cox

*Mrs. Arthur A. Cushing

Mrs. Ernest B. Dane, Jr.

Mrs. Charles Devens

Mrs. Ralph H. Doane

Miss Catherine Donnelly
 Mrs. Edward C. Donnelly
 Mrs. Hamilton P. Edwards
 Mrs. Samuel Eliot
 Mrs. Donald Falvey
 *Mrs. Herbert F. French
 Mrs. Vincent L. Greene
 Mrs. John W. Hallowell
 Mrs. Bartlett Harwood
 *Mrs. Lovering Hathaway
 Mrs. C. Stephen Heard
 Mrs. Harold D. Hodgkinson
 Mrs. Russell Howell
 Mrs. John H. Johnson
 †Mrs. Alfred Kidder, II
 Mrs. Louis E. Kirstein
 Mrs. William E. Ladd
 Miss Constance B. Learned
 Miss Elizabeth C. Leland
 Mrs. Francis B. Lothrop
 Mrs. Frederic W. Mattheis
 †Miss Mary E. Meehan
 Mrs. George H. Monks
 Mrs. John W. Myers
 *Mrs. Kirke A. Neal
 Mrs. Harris J. Nelson

Mrs. William Brace Pratt
 Miss Dorothy Rackemann
 Mrs. William L. Shearer, III
 Miss Ida C. Smith
 *Mrs. J. Verity Smith
 Miss Patricia Spencer
 Mrs. Frank H. Stewart
 Mrs. Philip Stockton
 Miss Virginia Stone
 Mrs. William Sutton
 Mrs. Robert C. Terry
 †Mrs. Philip H. Theopold
 Mrs. Richard H. Thompson
 Mrs. Samuel D. Warren
 Mrs. Richard P. Waters
 Mrs. Edwin S. Webster
 †Mrs. David A. Westcott
 Mrs. Alexander Wheeler
 Mrs. Nehemiah H. Whitman
 Mrs. H. Parker Whittington
 Mrs. Samuel H. Wolcott
 Mrs. Edgar N. Wrightington

Honorary Members

†Mrs. Roger W. Cutler
 Mrs. Frederick S. Mead

*Elected 1942

†Resigned 1942.

FINANCIAL STATEMENT OF WELFARE COMMITTEE

Receipts

Welfare Committee.	\$4,661.56
Avery Lectures.	1,800.00
Yankee Trading Post (Receipts from 1941, not received until 1942)	3.50
Yankee Trading Post.	2,745.00
Campaign proceeds through Welfare Committee	960.00
<i>Gross Receipts.</i>	<i>\$10,170.06</i>

Deduct Special Donations

Avery Lectures proceeds for the following purpose: (In accordance with the recommendation of the Committee and the approval of the Board of Managers) Support of Occupational Therapy for one year.	\$1,800.00
Yankee Trading Post (Receipts from 1941, not received until 1942). and	3.50

Yankee Trading Post proceeds for the following purpose: (In accordance with the recommendation of the Committee and the approval of the Board of Managers)

William E. Ladd Chair of Surgery.....	2,745.00
Holiday Committee.....	100.00
Expenses.....	1,481.77
Balance towards current expenses.....	4,039.79

\$10,170.06

ANNE T. LAWRENCE,
Assistant Treasurer

VOLUNTEER SERVICE OF THE OUT-PATIENT DEPARTMENT

EVER since 1909, the Out-Patient of The Children's Hospital has been staffed in part by volunteer workers. To be sure, in the first days of volunteering the number of workers was two or three localized to the Surgical and Orthopedic Clinics, whereas today the volunteers number twenty to thirty, and serve as assistants in almost a dozen clinics. This growth has been gradual in general, but particularly rapid in the past two years when the shortage of Hospital manpower has made the volunteer a vital cog in the functioning of The Out-Patient Department.

Today, we find the Out-Patient Volunteer Service headed by a Director and her assistant who have under their direction the present group of twenty-five volunteers, not all of whom are working at any given time. They represent all age groups contributing from a few hours a month to thirty hours a week. For some, volunteering is merely a small contribution to the war effort, whereas for others it is an almost full-time, although nonpaying, proposition. In the past six months alone, volunteers have contributed the impressive total of 2,500 hours in the Out-Patient Department. Many people ask, "What are the activities of the volunteers?" In brief, they function in two fields, either as clinic secretaries or clinic aids. The former are responsible for records, phone calls, directing patients, warming babies bottles and the like. The latter aid the doctors and nurses in their treatment of the patient playing an active roll in the management of the clinic.

It was not too many years ago that the volunteer hospital worker was looked upon as a rather strange and moderately useless bit of institutional decoration. It is reassuring in these days to note that the volunteer is no longer just decoration, but has definitely been accepted as an essential and responsible member of the Hospital organization.

JEAN EVATT,
Director

VOLUNTEER WAR SERVICE

WITH the War emergency—like all other hospitals, The Children's has had a great depletion in their Personnel Staff.

Over a year ago, due to this existing situation, a "Volunteer War Service" was started with the co-operation of the Welfare Committee, and under its auspices.

The Director insisted that all Volunteer Service should be under the ad-

ministration of the Hospital, because the older organization of volunteers in the Out-Patient Department had in the last ten years or more functioned in this way, and because these new Volunteers were to take the places, in many instances, of employees (not available for hire), and be governed by Hospital rules and policies.

As we continually grew it was felt necessary to have a central office, which is now known as the "Volunteer Service", where we are able to interview the Volunteers and allocate them to the service that needs them the most and to which they are best adapted.

We are now well organized and growing constantly and I feel we have sold Volunteer War Service to this Hospital and I must highly commend all those who have so generously given of their time.

Our particular aim is to serve the Hospital to the best of our ability under the Administration and the Welfare Committee. We have now approximately one hundred and seventy-five Active Volunteers.

There are eight services as listed below, each under the direction of a sub-chairman, who form a committee that meets with the Director to discuss the problems and form the policies of the group.

Our Volunteers come from many distant points as well as the city proper. In spite of a most unusual winter, combined with the demands brought upon each and every one, it has not been difficult to get Volunteers because the work at The Children's Hospital is so appealing.

MISS JEAN EVATT,

Head of the Out-Patient Department Volunteers

With the co-operation of Miss Jean Evatt, head of the Out-Patient Department Volunteers, and also the co-operation of the Sub-Chairman of the War Volunteer Committees, I feel now we can carry on and be of increasing value to The Children's Hospital.

Respectfully submitted,

MARY LOUISE HARWOOD,

Chairman

War Service Volunteers

Mrs. Bartlett Harwood	Chairman
Mrs. Thomas H. Lanman	Vice Chairman

Sub-Chairman—War Service Volunteers

<i>Blood Bank</i>	Mrs. Carl H. Ernlund	Chairman
	Mrs. Hammond Bowden	Vice Chairman
<i>Cafeteria (Out-Patient)</i>	Mrs. Donald Falvey	Chairman
	Mrs. William L. Shearer, III	Vice Chairman
<i>Laundry</i>	Mrs. Edward E. Wendell	Chairman
<i>Occupational Therapy O. P. D.</i>	Mrs. Alexander Wheeler	Chairman
	Mrs. Frederic L. Kellogg	Vice Chairman
<i>Orderlies</i>	Mrs. C. Sidney Burwell	Chairman
	Mrs. Roger Perry	Vice Chairman
<i>Packages (Surgical)</i>	Mrs. Robert N. Nye	Chairman
	Mrs. George Glass	Vice Chairman
<i>Surgical Dressings</i>	Mrs. Louise Coburn	Chairman
	Mrs. William C. Cox	Vice Chairman
<i>Air Raid Emergency</i>	Mrs. Franc D. Ingraham	Chairman

FORMER HOUSE OFFICERS AND RESIDENTS

Abbott, F. B.	1915	
Adams, John D.	1902	43 Bay State Road, Boston, Mass.
Adams, John E.	1941	U. S. N.
Adams, Wm. B.	1920	20 Maple St., Springfield, Mass.
Adelman, Maurice.	1922	209 Angel St., Providence, R. I.
Alexander, Eben, Jr.	1940	U. S. A.
Allen, Fred H., Jr.	1941	U. S. A.
*Allison, Nathaniel.	1901	
Ames, Frederick D.	1934	1201 Medical Arts Bldg., Houston, Tex.
Amiral, Hiram H.	1916	9 Walnut St., Worcester, Mass.
Anderson, Arthur.	1923	122 East 76th St., New York, N. Y.
Anderson, Randolph L.	1926	1023 Quarier St., Richmond, Va.
Anderson, Samuel A., Jr.	1925	2326 W. Grace St., Richmond, Va.
*Andrews, Edward A.	1896	
Andrews, Sumner C.	1916	636 Beacon St., Boston, Mass.
Atsatt, Rodney F.	1927	1421 State St., Santa Barbara, Calif.
Aufranc, Otto E.	1938	U. S. A.
Austen, George.	1937	U. S. A.
Ayer, J. B., Jr.	1907	319 Longwood Ave., Boston, Mass.
Bacon, Joshua E.	1927	1200 Main St., Dubuque, Ia.
Bacon, William B.	1941	Boston Lying-in Hospital, Boston, Mass.
Bailey, Orville T.	1935	Harvard Medical School, Boston, Mass.
*Bailey, Walter C.	1898	
*Baker, Frederick H.	1892	
Baker, Horace M.	1917	Lumberton, N. C.
*Baldwin, Herman T.	1895	
Ball, John D.	1923	414 Spurgeon Bldg., Santa Ana, Calif.
Barber, Carol Glenn.	1921	606 Hanna Bldg., Cleveland, O.
Barnes, Frederick W., Jr.	1937	Children's Research Founda'n, Cincinnati, O.
Barr, Joseph S.	1928	U. S. A.
Barrett, M. F.	1903	231 Main St., Brockton, Mass.
Bartlett, Daniel E.	1905	
Bartlett, Fred A.	1908	308 Beale St., Wollaston, Mass.
Baty, James M.	1929	1101 Beacon St., Brookline, Mass.
Beekel, W. Fred.	1907	7039 Superior Ave., Cleveland, O.
Bell, Donald.	1921	Ojai, Calif.
Bell, John F.	1942	300 Longwood Ave., Boston, Mass.
Bender, Norman.	1921	Buffalo, N. Y.
Benjamin, Jas. D., U.S.N.	1914	Naval Air Station, San Diego, Calif.
Bennett, Charles B.	1923	1122 University Ave., Berkeley, Calif.
Berkley, Hugh K.	1916	1136 West 6th St., Los Angeles, Calif.
Bigelow, Edward B.	1907	9 Walnut St., Worcester, Mass.
Bill, Alexander.	1942	U. S. A.
Billig, Harvey P., Jr.	1936	Institute of Technology, Pasadena, Calif.

*Deceased

- Binns, J. Frazier.....1929
 Biorkman, Gustav.....1918
 Birdsong, McLemore.....1941

 Blair, Montgomery.....1929
 Blodgett, James B.....1940

 Blodgett, William H.....1939
 Bolowtow, Nathan A.....1917
 Bost, Frederick C.....1929
 Botsford, Thomas W.....1937
 *Boutwell, Horace K.....1905
 *Bowditch, Henry I.....1902
 Boyd, Robert T.....1939
 Breckenridge, William G.....1941
 Bressler-Pettis, Chas. W.....1917
 Briggs, Maurice T.....1917
 Brines, John K.....1939
 Bromer, Ralph.....1915
 Brooks, Glidden L.....1939
 Brostrom, Frank.....1929
 Brown, Charles L.....1923
 *Brown, David R.....1918
 Brown, F. Bert.....1938
 Brown, John C., D.M.D.....1939
 Brown, John E., Jr.....1933
 Brown, Lloyd T.....1908
 Brown, Percy.....1900
 Browne, Trevor S.....1924
 *Bryant, Charles S.....1899
 Bryant, Clarence E.....1906
 Burpee, Benjamin P.....1916
 Byers, Randolph K.....1924
 Byrne, Harry V.....1929

 Cahoun, John G.....1928
 Calder, Harold G.....1908
 Campbell, Charles M.....1940
 Campbell, James B.....1937
 Campelia, Charles M.....1942
 Canada, Charles C.....1934
 Canaday, John W.....1934
 Carey, Benjamin W.....1935
 Carpenter, George.....1920
 Carson, Paul C.....1921
 Carter, Marshall A.....1935
 Catterson, L. F.....1926
 Cave, Edwin.....1927

 706 Church St., Nashville, Tenn.
 660 Madison Ave., New York, N. Y.
 University Virginia Medical School, Charlottesville, Va.
 2222 O St., N.W., Washington, D. C.
 Peter Bent Brigham Hospital, Boston, Mass.
 U. S. A.
 126 Waterman St., Providence, R. I.
 384 Post St., San Francisco, Calif.
 U. S. A.

 Iowa City, Ia.
 315 Pearl Ave., Peterborough, Ontario, Can.

 7 Lynn Shore Drive, Lynn, Mass.
 U. S. A.
 629 Pembroke Rd., Bryn Mawr, Pa.
 U. S. A.
 3439 Prytania St., New Orleans, La.
 2401 North Broad St., Philadelphia, Pa.

 612 Drayton St., Savannah, Ga.
 U. S. A.
 270 East Town St., Columbus, O.
 372 Marlborough St., Boston, Mass.
 Egypt, Mass.
 711 Professional Bldg., Phoenix, Ariz.

 101 Highland St., Hyde Park, Mass.
 814 Elm St., Manchester, N. H.
 319 Longwood Ave., Boston, Mass.
 301 Essex St., Lawrence, Mass.

 Corback, Invernesshire, Scotland
 224 Thayer St., Providence, R. I.
 Mayo Clinic, Rochester, Minn.
 U. S. A.
 U. S. A.
 2015 North Kenmore St., Arlington, Va.
 191 Glen St., Glens Falls, N. Y.
 Lederele Laboratories, Pearl River, N. Y.
 1204 Behnie Dillon Bldg., Nashville, Tenn.
 401 North Emporia, Wichita, Kan.
 Box DD, Carmel, Calif.
 107½ High Ave., E., Oskaloosa, Ia.
 U. S. A.

*Deceased

Chamberlain, John W.	1935	U. S. N.
Chapin, William E.	1926	3103 West Franklin St., Richmond, Va.
Chenoweth, Beach M., Jr.	1941	Johns Hopkins Hospital, Baltimore, Md.
Chisholm, Tague C.	1942	300 Longwood Ave., Boston, Mass.
Churney, Otto.	1929	Zamboanga, P. I.
Clarke, George W.	1904	Defiance, O.
Clarke, M. Melvin.	1927	315 Alexander St., Rochester, N. Y.
Clement, David H.	1939	U. S. A.
Clifford, Stewart.	1929	1101 Beacon St., Brookline, Mass.
Cochrane, J. Joseph.	1925	15 West Central St., Natick, Mass.
Coe, Herbert E.	1907	830 Medical & Dental Bldg., Seattle, Wash.
Cogswell, William, Jr.	1892	Capitol Bldg., Helena, Mont.
Cole, Walter F.	1920	101 North Elm St., Greensboro, N. C.
Connerley, Marion L.	1940	U. S. N.
Cook, Robert J.	1916	85 Whitney Ave., New Haven, Conn.
Coonse, G. Kenneth.	1927	370 Commonwealth Ave., Boston, Mass.
*Corson, Carl C.	1936	
Cozen, Lewis.	1938	2007 Wilshire Blvd., Los Angeles, Calif.
*Crandall, Arthur R.	1896	
Crane, Chilton.	1940	U. S. A.
Cravener, Edward K.	1929	146 Barrett St., Schenectady, N. Y.
Crawford, Henry B.	1930	35 Chestnut St., Rochester, N. Y.
*Creesy, Everett L.	1900	
Crawford, Henry B.	1930	35 Chestnut St., Rochester, N. Y.
*Creesy, Everett L.	1900	
Crothers, Bronson.	1912	300 Longwood Ave., Boston, Mass.
Cudney, Ethan B.	1925	527 West Iroquois Rd., Pontiac, Mich.
Cunningham, Allen.	1915	76 Church St., Winchester, Mass.
Curnen, Edward C., Jr.	1938	U. S. N.
Cutler, Charles H.	1939	U. S. A.
Daniels, George F.	1923	
*Darrah, Rufus.	1887	129 East 69th St., New York, N. Y.
Davidson, William D.	1933	
David, S. D.	1923	810 East Powell Ave., Evansville, Ind.
Davis, Arthur G.	1922	911 Medical Arts Bldg., Houston, Tex.
Dawson, Clyde W.	1938	716 Sassafras St., Erie, Pa.
Deering, Charles F.	1911	1374 Ida Ave., Columbus, O.
dePeyster, Frederic A., III	1942	38 Elm St., Danvers, Mass.
Derby, Joseph C.	1924	U. S. A.
*Dexter, Smith O.	1936	20 Maple St., Springfield, Mass.
Diamond, Louis K.	1929	
Dietrich, Henry F.	1936	300 Longwood Ave., Boston, Mass.
Dillon, Victor M.	1931	415 North Camden, Beverly Hills, Calif.
Dimmler, Charles L., Jr.	1939	490 Post St., San Francisco, Calif.
Dingle, John H.	1940	U. S. A.
		Thorndike Laboratory, Boston City Hos- pital, Boston, Mass.
Dinnerman, M., D.M.D.	1941	U. S. A.

*Deceased

Divers, Douglas.....	1924	73 3d St., N.W., Pulaski, Va.
Dodd, J. E.....	1912	259 Union Ave., Framingham, Mass.
Domser, Benjamin M....	1911	506 Prospect Ave., Syracuse, N. Y.
Doolittle, Leroy.....	1917	908 Medical Arts Bldg., Duluth, Minn.
Dresel, Rudolph L.....	1919	490 Post St., San Francisco, Calif.
Drissen, Edward.....	1931	Briton, S. D.
Dubois, Robert O.....	1923	122 East 76th St., New York, N. Y.
Duckett, J. Warner.....	1929	4105 Live Oak St., Dallas, Tex.
Duncan, Thomas L.....	1943	U. S. N.
Dunn, C. H.....	1902	
Dwan, Paul F.....	1931	4509 Dupont, So., Minneapolis, Minn.
Dye, Paul J.....	1926	Sewall Rd., Wolfeboro, N. H.
Dyer, Edward C.....	1942	U. S. A.
*Eastman, Alexander.....	1900	
*Eaton, Percival J.....	1885	
Eckles, Lucius E.....	1935	715 Fillmore St., Topeka, Kan.
Edmonds, Henry W.....	1941	300 Longwood Ave., Boston, Mass.
Eichwald, Ernst J.....	1943	Woman's Free Hospital, Brookline, Mass.
Eley, R. C.....	1929	U. S. N.
Ellis, Richard W. B.....	1929	Rearsby, Leicestershire, England
*Ely, T. W.....	1910	
Emerson, George E.....	1905	52 Columbia St., South Weymouth, Mass.
Emerson, Paul.....	1915	422 East 19th St., Cheyenne, Wyo.
Emidy, Herman L.....	1926	193 Gaskill St., Woonsocket, R. I.
Eveleth, Charles W.....	1904	1 Madison Ave., New York, N. Y.
Ewer, Edward G.....	1937	181 Brookside Dr., Berkeley, Calif.
Farber, Sidney.....	1928	300 Longwood Ave., Boston, Mass.
Fay, William E.....	1887	Melrose, Mass.
Ferguson, Charles F.....	1937	300 Longwood Ave., Boston, Mass.
Ferguson, Edward V.....	1941	U. S. A.
Fisher, James T.....	1895	1151 No. Madison Ave., Los Angeles, Calif.
Fisher, William H.....	1929	755 Salem St., Malden, Mass.
Fiske, Eben W.....	1912	701 Westinghouse Bldg., Pittsburgh, Pa.
*Fiske, William B.....	1885	
Fitch, Ralph R.....	1904	277 Alexander St., Rochester, N. Y.
Fitts, John B.....	1916	917 West Franklin St., Richmond, Va.
Fitz, George W.....	1890	Peconic, L. I., N. Y.
*FitzSimmons, H. J.....	1910	
Flake, Carlyle G.....	1937	U. S. A.
*Fletcher, A. S.....	1909	
Fletcher, F. L.....	1928	Milford, N. H.
Flint, Carlton P.....	1898	
Flook, Samuel E.....	1939	1129 Grand Ave., Dayton, O.
Floyd, Cleveland.....	1905	246 Marlborough St., Boston, Mass.
Fort, F. L.....	1923	1022 Park St., Jacksonville, Fla.
Fortune, Clayton W.....	1930	716 Sassafras St., Erie, Pa.

*Deceased

Foshee, Clyde H.	1931	Citizens Bank Bldg., Madisonville, Ky.
Foster, Joseph B.	1929	1028 Medical Arts Bldg., Houston, Tex.
Foster, Thomas.	1919	131 State St., Portland, Me.
Fothergill, Leroy	1930	U. S. A.
Fowler, Charles B.	1929	411 30th St., Oakland, Calif.
Franke, Winthrop I.	1941	300 Longwood Ave., Boston, Mass.
Frawley, W. T.	1910	184 North St., Pittsfield, Mass.
Frazee, John W.	1930	U. S. A.
Freeman, Don W.	1938	112 North Burnett Ave., Denison, Tex.
*Fregeau, Wheaton	1933	
Freiburg, Joseph A.	1927	707 Race St., Cincinnati, O.
Friedman, Eli	1918	416 Marlborough St., Boston, Mass.
Fuldner, Russell V.	1940	New Haven Hospital, New Haven, Conn.
*Gage, Homer	1885	
Gallo, James E.	1925	Alvero Bldg., Herkimer, N. Y.
Gallup, Henry E.	1928	1101 Beacon St., Brookline, Mass.
Gamble, James L.	1912	300 Longwood Ave., Boston, Mass.
Ganz, Robert N.	1927	U. S. N.
Gates, R. E.	1908	144 Walnut St., East Dedham, Mass.
(Not in practice)		
Gear, Patrick	1919	188 Chestnut St., Holyoke, Mass.
George, A. W.	1904	43 Bay State Rd., Boston, Mass.
Giddings, Paul D.	1937	25 Gage St., Augusta, Me.
Gill, MacLean	1935	U. S. A.
Gillespie, Elmer H.	1930	1101 Beacon St., Brookline, Mass.
Gillespie, Norman	1917	632 Columbia Rd., Dorchester, Mass.
Glover, Donald M.	1921	10515 Carnegie Ave., Cleveland, O.
Goeringer, C. Fred.	1937	U. S. A.
Goldloom, Alton.	1917	1543 Crescent St., Montreal, Que.
Goldman, Ahbrum.	1918	121 East 60th St., New York, N. Y.
Goldthwaite, Joel E.	1888	372 Marlborough St., Boston, Mass.
Goodale, Robert L.	1924	258 Beacon St., Boston, Mass.
Goodwin, Edward S.	1928	304 State St., Albany, N. Y.
Gordon, John K.	1921	1538 Sherbrooke St., West Montreal, Que.
Graham, W. T.	1910	116 East Franklin St., Richmond, Va.
Green, Hyman.	1916	483 Beacon St., Boston, Mass.
Green, William T.	1931	300 Longwood Ave., Boston, Mass.
*Greene, D. Crosby, Jr.	1898	
Grice, David.	1942	300 Longwood Ave., Boston, Mass.
Griffin, Charles H.	1923	404 County St., New Bedford, Mass.
Griffith, Jesse B.	1919	Willinsburg, Pa.
Gross, Harold G.	1890	Eureka, Calif.
Gross, Herman W.	1896	
Gross, Robert.	1932	300 Longwood Ave., Boston, Mass.
Grover, Joseph I.	1913	281 Ashmont St., Dorchester, Mass.
Grub, Wilson.	1940	1011 North Charles St., Baltimore, Md.
Grulee, Clifford, Jr.	1940	U. S. A.

*Deceased

- Guest, George M. 1926
 Guy, Percy F. 1926
- Haase, Ferdinand, Jr. 1943
 Haig, Ray T. 1924
 Haight, Harry W. 1911
 *Hall, Herbert J. 1894
 Hall, Robert G. 1910
 Hamlin, Hannibal. 1941
 Hand, Delbert W. 1935
 Hanflig, Samuel. 1931
 Hansell, W. Whitfield. . . . 1917
 Harbin, Maxwell. 1923
 Harkey, J. Mace. 1940
 Harral, Pinckney. 1935
 Harper, Edwin A. 1934
 Harris, Albert H. 1931
 Harris, Herbert E. 1936
 Harris, Jerome S. 1936
 Hartman, Frederick B. . . . 1935
 Harvery, Campbell. 1921
 Haas, George. 1931
 Hassman, David M. 1915
 *Haven, George. 1882
 Helmick, Arthur G. 1913
 Henry, Myron O. 1922
 Herrick, Theodore P. 1920
 Hertig, A. T. 1932
 Heyl, Henry L. 1935
 Hibben, F. H. 1914
- *Higgins, Frank A. 1891
 Hight, Donald. 1935
 Hightower, Robert A. . . . 1936
 Hildebrand, Edward E. . . . 1941
 Hill, Allen M. 1939
 Hill, A. Morgan. 1928
 Hill, John M. 1941
 Hill, Lewis W. 1915
 Hilty, Harold F. 1943
 Hitchcock, Harold H. . . . 1922
 Ho, Wayne Y. H. 1941
- Hockwalt, Wm. Richard. . . 1929
 Hodgen, John T. 1915
 Hodges, Richard G. 1938
 *Hogarth, Walter P. 1921
 Hooyer, Harold R. 1940
- Cincinnati Children's Hosp., Cincinnati, O.
 618 2d Ave., Seattle, Wash.
- Buffalo Children's Hosp., Buffalo, N. Y.
 1026 Medico Dental Bldg., Sacramento, Cal.
 Highland Park, N. J.
- 812 S. W. Washington St., Portland, Ore.
 U. S. N.
 450 Sutter St., San Francisco, Calif.
 371 Commonwealth Ave., Boston, Mass.
 901 Surety Bldg., Des Moines, Ia.
 10515 Carnegie Ave., Cleveland, O.
 610 Market Ave., North Canton, O.
 5920 Julian Ave., St. Louis, Mo.
 301 Rivermont Ave., Lynchburg, Va.
 Loudonville, N. Y.
 219 Waterman St., Providence, R. I.
 Duke University, Durham, N. C.
 U. S. A.
 Orchard Lake, Mich.
 Cornell Medical School, New York, N. Y.
 1738 Beacon St., Brookline, Mass.
- 78 South Fifth St., Columbus, O.
 401 Medical Arts Bldg., Minneapolis, Minn.
 10515 Carnegie Ave., Cleveland, O.
 Boston Lying-in Hospital, Boston, Mass.
 U. S. A.
 Westfield State Sanatorium, Westfield,
 Mass.
- U. S. A.
 2651 16th St., N.W., Washington, D. C.
 Suite 701, Patterson Bldg., Fresno, Calif.
 U. S. A.
 1810 Wealthy St. S.E., Grand Rapids, Mich.
 35 Alban St., Dorchester, Mass.
 U. S. A.
 406 Harris Bldg., Dayton, O.
 1624 Franklin St., Oakland, Calif.
 Children's Hospital Society, 4614 Sunset
 Blvd., Los Angeles, Calif.
 560 Fidelity Bldg., Dayton, O.
 1810 Wealthy St. S.E., Grand Rapids, Mich.
 Babies Hospital, New York, N. Y.
- U. S. N.

*Deceased

Hopkins, Frank Read	1930	1112 Church St., Lynchburg, Va.
Horn, Carl E.	1941	241 East Santa Clara, San Jose, Calif.
Horner, Albert A.	1913	319 Longwood Ave., Boston, Mass.
Hosley, Walter A.	1906	46 Waban Ave., Waban, Mass.
*Howard, A. A.	1910	
Howard, Philip.	1927	Ford Hospital, Detroit, Mich.
Howard, Rutledge W.	1939	Putchogue, Long Island, N. Y.
Howe, Walter C.	1897	
Howell, William W.	1899	330 Dartmouth St., Boston, Mass.
Hubbard, Elliot, Jr.	1918	29 Highland St., Cambridge, Mass.
Hubbard, John P.	1931	U. S. A.
Huddleston, John.	1899	
Hudson, Henry W., Jr.	1927	U. S. N.
Hufnagle, Charles A.	1942	Peter Bent Brigham Hosp., Boston, Mass.
Hugenberger, Paul W.	1934	234 Marlborough St., Boston, Mass.
Hughes, Grey C.	1936	Shackleford Hospital, Martinsville, Va.
Hughes, Harry C.	1937	Axton, Va.
Humphreys, Storer P.	1936	3801 University St., Montreal, Canada
Hunt, Fred C.	1919	34 Fenn St., Pittsfield, Mass.
*Hunting, Nathaniel S.	1886	
Huntington, Frederick.	1926	333 Quincy Ave., Scranton, Pa.
Hurd, Arthur H.	1936	595 East Colorado St., Pasadena, Calif.
Huston, Lewis L.	1937	117 12th St., N.E., Cedar Rapids, Ia.
Hyatt, Gilbert T.	1933	151 Rock St., Fall River, Mass.
Ilfeld, Frederic W.	1936	U. S. A.
Jackson, George H.	1918	840 Forest Ave., Evanston, Ill.
Jacobus, Lawrence.	1928	2940 Summit St., Oakland, Calif.
Jeans, Philip.	1910	Children's Hospital, Iowa City, Ia.
Jenks, Harrison D.	1893	
Jennings, Charles G.	1942	U. S. A.
Jennings, Robert E.	1934	143 Park St., East Orange, N. J.
Jennings, Percy H., Jr.	1937	Cold Spring Harbor, L. I., N. Y.
Johann, A. E.	1910	685 Harwood Dr., Des Moines, Ia.
Johnson, Erick St. John	1904	18 Fallen St., Cambridge, Mass.
Johnson, Harold N.	1937	106 2d St., Cloverdale, Montgomery, Ala.
Johnson, Lent, Jr.	1942	U. S. A.
Johnston, Joseph A.	1926	1937 Boston Blvd., Detroit, Mich.
Jones, Frank S.	1932	179 Allyn St., Hartford, Conn.
Jones, Harold W.	1901	7610 17th St., Washington, D. C.
Jones, J. Lawrence.	1921	401 Argyle Bldg., Kansas City, Mo.
Joplin, Robert J.	1934	U. S. N.
Judy, J. A.	1926	414 Harris Bldg., Dayton, O.
Jump, Ellis B., D.M.D.	1938	University of Chicago, Chicago, Ill.
Kaplan, Eugene.	1942	U. S. A.
Karp, Meier G.	1935	234 Marlborough St., Boston, Mass.

*Deceased

- Keane, Clarence 1905
 Keever, Henry F. 1909
 Keiser, Robert P. 1942
 Kendrick James I. 1932
 Kennard, John H. 1938
 Key, John A. 1920
 Key, William A. 1928
 King, Donald. 1917
 King, Edward. 1917
 *King, James M. 1926
 Kingsland, Lawrence C. . . 1942
 *Knowles, W. F. 1882
 Koplik, Louis. 1931
 Krakower, Cecil A. 1936
 Kuhns, John G. 1927
 Kyle, Bernard. 1921
- Lanman, Thomas H. 1920
 *Larned, F. J. 1914
 Larson, Carol B. 1937
 Latham, Raymond W. . . . 1943
 *Legg, Arthur T. 1900
 Legg, Robert L., D.M.D. 1940
 Legge, Robert F. 1936
 Lewis, James E., Jr. 1943
 Levine, S. Z. 1923
 Linde, Frederick G. 1925
 *Lindemann, E. E. 1911
 Logan, George B. 1937
 Lonergan, Robert C. 1925
 Lord, Robert M. 1920
 Low, Harry C. 1896
 Low, Merritt B. 1934
 Lowrey, John J. 1941
 Lucas, William P. 1906
 *Luther, Elliot H. 1926
- MacCollum, Donald W. . . 1932
 McDermott, Leo J. 1939
 McDonald, Francis Chas. 1930
 McElroy, William D. 1933
 McGoverney, Richard B. 1930
 McGuire, Joseph H. 1917
 McKeever, Francis M. . . . 1930
 McKhann, Charles F. 1923
 McLaughlin, William. . . . 1931
 McNeil, Donald. 1930
 Mahoney, P. J. 1930
- Silverton, Ore.
 69 Maple Rd., Auburndale, Mass.
 U. S. A.
 2020 East 93d St., Cleveland, O.
 967 Elm St., Manchester, N. H.
 Wash. Univ. Med. School, St. Louis, Mo.
 23 2d Ave., San Mateo, Calif.
 1101 Beacon St., Boston, Mass.
 Hayward Bldg., Asheville, N. C.
- U. S. N.
 311 East 72d St., New York, N. Y.
 Dept. Tropical Medicine, San Juan, P. R.
 372 Marlborough St., Boston, Mass.
 1011 Church St., Lynchburg, Va.
- U. S. A.
 264 Beacon St., Boston, Mass.
 U. S. A.
 16th Medical Reg., Fort Devens, Mass.
 3135 Webster St., Oakland, Calif.
 U. S. A.
 525 East 68th St., New York, N. Y.
 384 Post St., San Francisco, Calif.
- 503 Ninth Ave., S.W., Rochester, Minn.
 636 Church St., Evanston, Ill.
 122 Waterman St., Providence, R. I.
 Hanover, Mass.
 31 Federal St., Greenfield, Mass.
 Peter Bent Brigham Hosp., Boston, Mass.
 490 Post St., San Francisco, Calif.
 State Sanatorium, Westfield, Mass.
- 300 Longwood Ave., Boston, Mass.
 151 Vaughan St., Portland, Me.
 203 Park St., Stoneham, Mass.
 318 St. Louis Ave., Youngstown, O.
 1515 State St., Santa Barbara, Calif.
 1719 Pacific Ave., Dallas, Tex.
 680 South Bronson Ave., Los Angeles, Calif.
 University Hospital, Ann Arbor, Mich.
 500 Penn Ave., Pittsburgh, Pa.
 1127 11th St., Sacramento, Calif.
 U. S. N.

*Deceased

*Manning, J. B.	1908	
Maraldi, Carl F.	1927	276 Commonwealth Ave., Boston, Mass.
Marion, J. W. J.	1911	
Marr, Myron W.	1908	Linden Rd., Pinehurst, N. C.
Martin, James W.	1924	107 South 17th St., Omaha, Neb.
Marting, Frank L.	1937	1476 Glenwood Blvd., Schenectady, N. Y.
Matchet, Foster.	1935	Shriners' Hospital, Philadelphia, Pa.
Mathews, Samuel.	1928	617 South Olive St., Los Angeles, Calif.
Matson, Donald D.	1940	U. S. A.
Maxwell, Cyrus.	1928	U. S. A.
May, Charles D.	1938	U. S. A.
Meade, T. Stanley.	1934	913 Floyd Ave., Richmond, Va.
Meeker, Cornelius S.	1941	866 West College Ave., Jacksonville, Ill.
Merriam, Joseph C.	1925	198 Union Ave., Framingham, Mass.
Metzer, Butler.	1897	41 Ocean St., Lynn, Mass.
Newburn, F. H. H.	1922	416 McLeod Bldg., Edmonton, Alberta, Can.
Meyers, Robert S.	1938	Peter Bent Brigham Hosp., Boston, Mass.
Miller, H. L.	1918	163 High St., Taunton, Mass.
*Miller, Harold F.	1929	
Miller, J. Fleek.	1934	482 Hudson Ave., Newark, O.
Miller, Ralph T.	1927	89 Main St., Ware, Mass.
*Milleken, Ralph A.	1926	
Mindlin, Roland D.	1940	U. S. A.
Miner, Henry R.	1920	108 West 17th St., Falls City, Neb.
Moore, Beveridge H.	1918	8 South Michigan Blvd., Chicago, Ill.
Moore, Chester B.	1912	384 Post St., San Francisco, Calif.
Moore, George C.	1905	475 Commonwealth Ave., Boston, Mass.
Moore, John M.	1939	384 Post St., San Francisco, Calif.
Moore, Stephen H.	1938	3328 Daniel St., Dallas, Tex.
Morris, Harry D.	1937	700 S. Kings Highway Blvd., St. Louis, Mo.
Morrissey, E. James.	1935	329 South Front St., Milton, Pa.
Morrison, Gordon.	1941	205 3d Ave., San Mateo, Calif.
Morse, William R.	1916	Chengtu, China
Mostofi, Fallothiah.	1943	Mass. General Hospital, Boston, Mass.
Moulton, Robert T.	1937	28½ Broad St., Salem, Mass.
Mueller, Harry L.	1937	31 Church St., Winchester, Mass.
Mumford, Eugene B.	1905	320 North Meridian St., Indianapolis, Ind.
Muro, Felipe.	1920	Farmington, Mich.
Murphy, John P.	1933	634 North Grand Blvd., St. Louis, Mo.
Myers, A. E.	1913	
Myers, Ernest E.	1932	321 East 42d St., New York, N. Y.
Myers, Samuel W.	1902	84 Hutchins St., Roxbury, Mass.
Naive, Jesse B.	1921	Beverly Hills Sanatorium, Knoxville, Tenn.
Nathan, Louis.	1930	68 Bay State Rd., Boston, Mass.
Neff, Richard S.	1939	U. S. A.
Nelson, Richard L.	1932	1300 8th St., Wichita Falls, Tex.
Newsam, A. Roland.	1922	1644 Broad St., Providence, R. I.

*Deceased

- Newstedt, Roger 1943
 Nichols, Wallace J. 1933
 *Nichols, E. H. 1889
 Nitchman, Donald E. 1940
 Norton, Paul L. 1934
 Norton, Rupert. 1891
 Nulsen, Frank E. 1942
 Nutter, John A. 1906
- Ober, Frank R. 1914
 O'Brien, Robert M. 1940
 O'Connor, Dennis. 1926
 O'Meara, John W. 1919
 O'Neil, Frank C. 1937
 Ormandy, Laszlo. 1942
 Osgood, Rudolph. 1930
 Otis, Henry S. 1882
 Overlander, Charles L. 1906
 Packard, Robert G. 1915
 Page, Calvin G. 1893
 Painter, Charles F. 1893
 Palfrey, F. W. 1903
 Parker, Willard S. 1912
 Parnall, Edward. 1932
 Patchen, Paul J. 1931
 Patrick, William F. 1917
 Patterson, Robert L. 1934
 *Peckham, Frank E. 1888
 Pelkan, Karl F. 1925
 *Pegram, John C., Jr. 1896
 Percy, Karlton G. 1913
 *Perkins, John W. 1884
 Perry Sherman. 1909
 Peters, William C. 1904
 Phelps, Winthrop M. 1924
 Pickard, Nicholas S. 1941
 Pierce, F. Richard. 1935
 Pike, Maurice. 1928
 Pinckny, F. H. 1914
 Pinkerton, Henry. 1916
- Pitkin, Horace C. 1927
 Placek, Joseph C. 1933
 Pohl, John F. 1933
 Pokorny, Norman A. 1933
 Politzer, Richard M. 1926
 Pope, Alfred. 1942
 Porter Arnold. 1941
- U. S. A.
 102 Forest St., Medford, Mass.
 706 Union St., Schenectady, N. Y.
 264 Beacon St., Boston, Mass.
 300 Longwood Ave., Boston, Mass.
 1414 Drummond St., Montreal, Canada
- 234 Marlborough St., Boston, Mass.
 3838 Flad Ave., St. Louis, Mo.
 158 Whitney Ave., New Haven, Conn.
 390 Main St., Worcester, Mass.
 216 South Main St., Middletown, O.
 Mass. General Hospital, Boston, Mass.
 Truesdale Hospital, Fall River, Mass.
- 443 Marlborough St., Boston, Mass.
 711 Marion St., Denver, Colo.
 129 Marlborough St., Boston, Mass.
 520 Commonwealth Ave., Boston, Mass.
 25 Lime St., Boston, Mass.
 270 Commonwealth Ave., Boston, Mass.
 247 Culver Rd., Rochester, N. Y.
 8480 Commercial Ave., Chicago, Ill.
 1020 S.W. Taylor St., Portland, Que.
 135 East 65th St., New York, N. Y.
- 241 East Santa Clara St., San Jose, Calif.
 520 Commonwealth Ave., Boston, Mass.
- 22 Walnut St., Winchester, Mass.
 45 State St., Bangor, Me.
 3038 St. Paul St., Baltimore, Md.
 1400 Professional Bldg., Kansas City, Mo.
 U. S. A.
 179 Allyn St., Hartford, Conn.
 186 South St., Morristown, N. J.
 St. Louis University School of Medicine,
 St. Louis, Mo.
 909 Hyde St., San Francisco, Calif.
 1515 Carnegie Ave., Cleveland, O.
 1945 Med. Arts Bldg., Minneapolis, Minn.
 20 Maple St., Springfield, Mass.
 103 East North St., Greenville, S. C.
 Mass. General Hospital, Boston, Mass.
 Peter Bent Brigham Hosp., Boston, Mass.

*Deceased

*Porter, Donald W.....	1914	North Easton, Mass.
Porter, Robert B.....	1901	U. S. A.
Pratt, Henry.....	1933	26 Grove St., New Bedford, Mass.
Prescott, H. D. (Retired).....	1903	105 East Jefferson Blvd., South Bend, Ind.
Pyle, Henry D.....	1929	
Radcliffe, Ernest J.....	1925	67 Butterfield Ter., Amherst, Mass.
Ramsay, Robert E.....	1918	65 North Madison Ave., Pasadena, Calif.
Ramsay, W. S.....	1914	407 East Kingsley St., Ann Arbor, Mich.
Rawlings, Junius Mott ..	1929	116 Mills St., El Paso, Tex.
Record, Eugene E.....	1929	U. S. A.
Rector, John M.....	1933	2000 Van Ness Ave., San Francisco, Calif.
Rector, Lewis E.....	1939	U. S. N.
Reed, Carson R.....	1935	1560 Line Ave., Shreveport, La.
Reese, C. A.....	1907	Beaumont du Perigord, Dordogne, France
Regan, John W.....	1937	South Carolina Med. Col., Charleston, S. C.
Register, John F.....	1935	101 North Elm St., Greensboro, N. C.
Reidy, John A., Jr.....	1938	372 Marlborough St., Boston, Mass.
Rew, Willard B.....	1934	
Rhineland, Frederic W.....	1939	Gilbert Rd., Meadowbrook, Pa.
Riley, Conrad M.....	1942	Babies Hospital, New York, N. Y.
Rizer, Dean K.....	1939	U. S. A.
*Robb, William A.....	1931	U. S. A.
Robbins, Fred C.....	1942	U. S. A.
Roberts, Madison Hines.....	1921	104 Ponce de Leon Ave., Atlanta, Ga.
*Roberts, Sumner.....	1929	
Roberts, Wyatt.....	1916	3838 9th St., Birmingham, Ala.
Robertson, L. B.....	1913	University of Chicago, Chicago, Ill.
Rogers, William.....	1923	264 Beacon St., Boston, Mass.
Ross, Alan S.....	1931	1414 Drummond St., Montreal, Can.
Ross, Fred E.....	1912	501 West Ninth St., Erie, Pa.
Ross, Frederick P.....	1941	U. S. A.
Ross, Ralph A.....	1939	319 Longwood Ave., Boston, Mass.
Rowe, Carter R.....	1938	1108 Princess Ann St., Fredericksburg, Va.
*Rowland, Russell S.....	1904	
Rowley, Howard F.....	1923	176 South Goodman St., Rochester, N. Y.
Rubin, Gabriel J.....	1926	520 Beacon St., Boston, Mass.
Rue, Homer A.....	1920	625 South Lorena St., Los Angeles, Calif.
Rumsey, William L.....	1941	5 Sherman Ave., Bronxville, N. Y.
Rutherford, Frederick H.....	1937	417 East Union St., Seattle, Wash.
Ryerson, Edwin W.....	1897	232 East Walton P., Chicago, Ill.
*Sadler, Roy A.....	1909	
Saeger, Ernest T.....	1919	70 Oldham Rd., West Newton, Mass.
Sander, John F.....	1926	320 Townsend St., Lansing, Mich.
Sandmeyer, John A.....	1938	Peter Bent Brigham Hosp., Boston, Mass.
Sanford, Charles H.....	1913	923 Walton Ave., New York, N. Y.
Schlesinger, W. F.....	1927	Beth Israel Hospital, Boston, Mass.

*Deceased

- Schoch, William C. 1943
Schott, Harry J. 1921
Schulz, Reuben. 1929
Schultz, Robert V. 1931
Schwartz, Eugene. 1934
Schwartz, R. Plato. 1920
Scott, Henry W., Jr. 1942
Scudder, Charles. 1886
Seabold, William W. 1935
Seelye, Walter B. 1929
Segar, Louis. 1914
Seelese, Iver F. 1920
Selva, Julio. 1892
Sever, James W. 1901
Shaffner, Louis deS. 1942
Shannon, James. 1933
Shannon, Paul W. 1934
Sheldon, Walter S. 1939
Sherwood, David W. 1929
Shortell, Joseph. 1918
Shugarman, Wilson G. 1940
Schwachman, Harry. 1930
Simon, Royal. 1931
Skinner, Marcus. 1913
Smith, Clement A. 1931
Smith, Edward T. 1936
Smith, F. R. 1921
Smith, L. D. 1924
Smith, Richard M. 1909
Smyth, Francis Scott. 1923
Snedeker, Lendon. 1932
Soule, Herbert C., Jr. 1922
*Soutter, Robert. 1898
Spalding, Roger. 1903
Spaulding, Charles L. 1899
Spencer, Harvey. 1928
*Spencer, J. B. 1908
Spicer, Charles M. 1915
Splitoff, Clarence A. 1943

Spring, C. W. 1883
Stanton, James T. 1938
Staples, O. Sherwin. 1938
Starbuck, George W. 1941
Stark, Richard B. 1942
Steinberg, Alfred. 1920
Stetson, Frank E. 1897
Stevens, William A. 1943

U. S. A.
727 West 7th St., Los Angeles, Calif.
Whittier Rd., Wellesley, Mass.
U. S. A.
200 East Pershing St., Springfield, Mo.
260 Crittendon Blvd., Rochester, N. Y.
300 Longwood Ave., Boston, Mass.
Longwood Towers, Brookline, Mass.
5012 Edmondson Ave., Baltimore, Md.
U. S. A. (U. S. A. A. F.)
23 East Ohio St., Indianapolis, Ind.
621 West Lake St., Minneapolis, Minn.

321 Dartmouth St., Boston, Mass.
Peter Bent Brigham Hosp., Boston, Mass.
1414 Drummond St., Montreal, Can.
1927 1st Ave., Birmingham, Ala.
Peter Bent Brigham Hosp., Boston, Mass.
U. S. N.
270 Commonwealth Ave., Boston, Mass.
(See Grub)
416 Marlborough St., Boston, Mass.
515 Oakland Ave., Williamsport, Pa.
Marcus Skinner Clinic, Selma, Ala.
300 Longwood Ave., Boston, Mass.
1228 Medical Arts Bldg., Houston, Tex.
U. S. N.
2454 West Kilborn Ave., Milwaukee, Wis.
300 Longwood Ave., Boston, Mass.
3d St. & Parnassus Ave., San Francisco, Cal.
U. S. A.
16 North Goodman St., Rochester, N. Y.

Duxbury, Mass.

79 Hundreds Rd., Wellesley, Mass.

1106 Republic Bldg., Denver, Colo.
New York Orthopedic Hospital, New York,
N. Y.

1706 Chester Ave., Bakersfield, Calif.
262 Beacon St., Boston, Mass.
U. S. A.
U. S. A.
4214 16th St., N.W., Washington, D. C.
South Dartmouth, Mass.
4417 Westminster, St. Louis, Mo.

*Deceased

Stevenson, Edward	1927	108 South Vine St., North Platte, Kans.
Stewart, Steele F.	1920	3780 Wilshire Blvd., Los Angeles, Calif.
*Stickney, Edwin P.	1891	58 Pleasant St., Arlington, Mass.
*Stickney, William	1906	
Stiefel, D. M.	1924	1553 Woodward Ave., Detroit, Mich.
Stoeffler, Walter	1928	5215 Pleasant Run Pkwy, Indianapolis, Ind.
*Storey, Carroll L.	1916	
Storey, Thomas A.	1905	Stanford University, San Francisco, Calif.
Stratford, Eldredge W. . . .	1931	303 Medical Arts Bldg., Portland, Ore.
Strayer, Luther B.	1939	935 Main St., Bridgeport, Conn.
Sturdevant, Charles L. . . .	1941	300 Longwood Ave., Boston, Mass.
Swan, Henry	1941	U. S. A.
Sweet, Lewis K.	1931	Gallanger Hospital, 19 St. and Mass. Ave., Washington, D. C.
Swenson, Orvar	1940	Peter Bent Brigham Hosp., Boston, Mass.
Sylvester, Philip H.	1907	25 Bay State Rd., Boston, Mass.
Talbot, Fritz B.	1905	270 Commonwealth Ave., Boston, Mass.
Talbot, Nathan B.	1938	Mass. General Hosp., Boston, Mass.
Tanner, Dean W.	1938	U. S. A.
Tefft, Richard C.	1922	264 Beacon St., Boston, Mass.
Thompson, Milton S., Jr. . .	1935	31 Deering St., Portland, Me.
Thompson, Vernon P.	1926	2007 Wilshire Blvd., Los Angeles, Calif.
Thornton, Andrew	1919	2201 Fourth Ave., San Diego, Calif.
Thurber, D. Packard	1918	417 South Hill St., Los Angeles, Calif.
Thurston, Donald L.	1941	4 Oakleigh Lane, Clayton, Va.
Tobin, William J.	1940	Fort Benning, Ga.
Tomkies, James S.	1910	5831 Margerita St., Dallas, Tex.
Treanor, John P., Jr.	1925	1101 Beacon St., Brookline, Mass.
Troxler, Robert T.	1941	Mass. General Hospital, Boston, Mass.
Tso, Ernest	1919	c-o American Mission, Ichann, China
Tucker, Charles A.	1942	U. S. A.
Tucker, James	1929	116 East Franklin St., Richmond, Va.
Tucker, J. F.	1883	
Turner, Arthur R.	1929	5744 Drexel Ave., Chicago, Ill.
Turtle, William J.	1936	66 Commonwealth Ave., Boston, Mass.
Tweddell, Henry J.	1940	Woonsocket Hospital, Woonsocket, R. I.
Ulrich, Joseph M.	1920	193 West Market St., Akron, O.
Van Meter, Agram L.	1915	427 Bank of America Bldg., Stockton, Calif.
Van Ornum, Earl N.	1928	13780 Wilshire Blvd., Los Angeles, Calif.
Van Slyke, K. Keller	1942	U. S. A.
Vincent, Beth	1903	925 Boylston St., Boston, Mass.
Virkler, Stanley, D.M.D. . .	1935	572 Washington St., Wellesley, Mass.
Vogel, Harold T.	1926	3420 86th St., Jackson Hts., L. I., N. Y.

*Deceased

Wachter, Harry E.....	1936	203 Beaumont Medical Bldg., St. Louis, Mo.
Wallace, William.....	1942	U. S. A.
Walthal, Damon.....	1916	315 Alameda Rd., Kansas City, Mo.
Walker, John H.....	1933	1620 Oklahoma Ave., Guthrie, Okla.
*Warren, Henry S.....	1899	
Washburn, Alfred.....	1924	1750 Forest Parkway, Denver, Colo.
Washburn, Frederic A....	1894	190 Bay State Rd., Boston, Mass.
Watson, Richard G.....	1924	1624 Franklin St., Oakland, Calif.
Webster, Fred P.....	1903	10 Congress Sq., Portland, Me.
Weigel, Edgar W.....	1927	970 Park Ave., Elizabeth, N. J.
Weigele, Carl E.....	1923	25 Gifford Ave., Jersey City, N. J.
Weiler, Howard G.....	1930	40 14th St., Wheeling, W. Va.
Weir, Dwight.....	1932	53 North Mulberry St., Mansfield, O.
Weller, Thomas H.....	1942	U. S. A.
Wheeler, Warren E.....	1937	Wayne Medical School, Detroit, Mich.
White, Robert S.....	1939	U. S. A.
Whitford, Warren.....	1930	Windsor Locks, Conn.
Whittemore, Frank S....	1890	
Wilcox, John C.....	1936	281 South Thomas St. Pomona, Calif.
Wilens, Gustav.....	1926	40 Main St., Torrington, Conn.
Williams, McChord.....	1938	U. S. A.
Wilson, Edward H.....	1923	395 East Broad St., Columbus, O.
Wilson, Franklin D.....	1919	5352 Studeley Ave., Norfolk, Va.
Wilson, James L.....	1929	Sycamore Ave. & 254th St., New York, N. Y.
Wilson, James.....	1920	216 West 137th St., New York, N. Y.
*Wilson, Louis T.....	1902	
Wing, Wilson M.....	1939	Roosevelt Hospital, New York, N. Y.
Woo, Lan Sing.....	1919	St. Luke's Hospital, Shanghai, China
Wood, Benjamin E.....	1907	Canton, Mass.
Woodberry, H. S.....	1914	
Woodbury, William P....	1906	
Wooley, Paul V., Jr.....	1938	
Worden, Ernest M.....	1941	Boem Becher Hospital, University of Ore-
Work, Henry M.....	1939	gon, Medical School, Portland, Ore.
Wormelle, Charles B....	1901	4940 Coronet St., Monreal, Canada
Wylie, Eugene C.....	1894	Children's Hospital, Buffalo, N. Y.
Wyman, Edwin T.....	1912	75 Gardner St., Allston, Mass.
Wysor, Frank L.....	1916	556 Washington St., Dorchester, Mass.
		319 Longwood Ave., Boston, Mass.
		501 Ridgeway St., Clifton Forge, Va.
*Young, Ernest B.....	1895	
Young, J. H.....	1909	66 Commonwealth Ave., Boston, Mass.
Zechino, Vincent.....	1942	U. S. A.
Zuelzer, Wolfgang.....	1938	Children's Hosp. of Mich., Detroit, Mich.

*Deceased

THE CHILDREN'S HOSPITAL OUT-PATIENT CLINICS

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Behavior Clinic.....	Tues. and Fri., 9.00 a.m.
Leutic.....	Monday, 2.00 p.m.
Diabetic.....	Monday, 2.00 p.m.
Boston Lying-In Discharged Baby Clinic.....	Wednesday, 2.00 p.m.
Children's Hospital Discharge Clinic.....	Wednesday, 2.00 p.m.
Infants' Hospital Discharge Clinic.....	Wednesday, 2.00 p.m.
Speech Clinic.....	Wednesday, 2.00 p.m.
Eczema Clinic.....	Thursday, 9.00 a.m.
Rheumatic Fever Clinic.....	Thursday, 2.00 p.m.
Heart Clinic.....	Thursday, 2.00 p.m.
Allergy Clinic.....	Tues. and Fri., 2.00 p.m.
Muscle Training (Bader Bldg.).....	Mon., Wed., Fri., 2.00 p.m.

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Surgical-Neurological.....	Wednesday, 8.30 a.m.
Plastic Surgery.....	Friday, 8.30 a.m.

Orthopedic General Clinic—(*By Appointment Only*)

Tuesday, 8.30 a.m. to 2.00 p.m.
Thursday, 8.30 a.m. to 2.00 p.m.
Saturday, 8.30 a.m.

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Orthopedic Branches (*By Appointment Only from Orthopedic Clinic*)

Arthritis Clinic—Alternate Thursdays at 2.00 p.m.

Infantile Paralysis Clinics (Bader Bldg.)—Tues., Thurs., Fri., 8.30 am..

Physiotherapy (Bader Bldg.)

Scoliosis and Posture Clinic—Tuesday and Thursday at 2.00 p.m.
New Cases—Tuesday^{*} and Saturday, 9.00 a.m.
Med., Surg., Orth. Physiotherapy—Mon., Tues., Wed., Thurs., Fri., 9.00 a.m.
Pool Exercises—By appointment only

Orthodontia—For Post-operative cases only—By appointment Wed. 9.00 a.m.

Speech—From Orthodontia Clinic Only—Wed. and Sat., at 9.00 a.m.

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